Acer Projector

P1183/M403/PE-S42/X1183A/D603P/
EV-S62T/X114/X1183/D603/EV-S62/
X113/D600/EV- S60/V10S/AS201/
X113H/X113PH/D600D/EV-S60H/
V12S/AS211/P1283/M413/PE-X42/
V12X/AX316/P1283n/M413T/
PE-X42G/X1283/X1280/D613/
EV-X62/P1383W/X1383WH/M423/
PE-W42/V12W/AW316/P1380W/
X1380WH/M420/PE-W40/V11W/
AW216/H5380BD/E230/HE-720/
P1510/M450/PE-840/H6520BD/
E240D/HE-804J Series

User's Guide

Copyright © 2014. Acer Incorporated.
All Rights Reserved.

Acer Projector User's Guide
Original Issue: 03/2014

Changes may be made periodically to the information in this publication without obligation to notify any person of such revisions or changes. Such changes will be incorporated in new editions of this manual or supplementary documents and publications. This company makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims the implied warranties of merchantability or fitness for a particular purpose.

Record the model number, serial number, purchase date and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your projector. All correspondence concerning your unit should include the serial number, model number and purchase information.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronically, mechanically, by photocopy, recording or otherwise, without the prior written permission of Acer Incorporated.

Model number: ________________________________

Serial number: _________________________________

Date of purchase: ______________________________

Place of purchase: _____________________________

Acer and the Acer logo are registered trademarks of Acer Incorporated. Other companies' product names or trademarks are used herein for identification purposes only and belong to their respective companies.

"HDMI™, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC."

Information for your safety and comfort

Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.

Turning the product off before cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Caution for plug as disconnecting device

Observe the following guidelines when connecting and disconnecting power to the external power supply unit:

- Install the power supply unit before connecting the power cord to the AC power outlet.
- Unplug the power cord before removing the power supply unit from the projector.
- If the system has multiple sources of power, disconnect power from the system by unplugging all power cords from the power supplies.

Caution for Accessibility

Be sure that the power outlet you plug the power cord into is easily accessible and located as close to the equipment operator as possible. When you need to disconnect power to the equipment, be sure to unplug the power cord from the electrical outlet.

Warnings!

- Do not use this product near water.
- Do not place this product on an unstable cart, stand or table. If the product falls, it could be seriously damaged.
- Slots and openings are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface.

This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.

- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind onto or into the product.

- To avoid damage of internal components and to prevent battery leakage, do not place the product on a vibrating surface.
- Never use it under sporting, exercising, or any vibrating environment which will probably cause unexpected short current or damage rotor devices, lamp.

Using electrical power

- This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.
- If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
- Do not overload a power outlet, strip or receptacle by plugging in too many devices. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip's input rating.
- This product's AC adapter is equipped with a three-wire grounded plug. The plug only fits in a grounded power outlet. Make sure the power outlet is properly grounded before inserting the AC adapter plug. Do not insert the plug into a non-grounded power outlet. Contact your electrician for details.

Warning! The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.

Note: The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.

- Use the product only with the supplied power supply cord set. If you need to replace the power cord set, make sure that the new power cord meets the following requirements: detachable type, UL listed/CSA certified, VDE approved or its equivalent, 4.5 meters (15 feet) maximum length.

Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- the power cord or plug is damaged, cut or frayed
- liquid was spilled into the product
- the product was exposed to rain or water
- the product has been dropped or the case has been damaged
- the product exhibits a distinct change in performance, indicating a need for service
- the product does not operate normally after following the operating instructions

Note: Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

Warning! For safety reasons, do not use non-compliant parts when adding or changing components. Consult your reseller for purchase options.

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

Additional safety information

- Do not look into the projector's lens when the lamp is on. The bright may hurt your eyes.
- Turn on the projector first and then signal sources
- Do not place the product in following environments:
  - Space that is poorly ventilated or confined. At least 50cm clearance from walls and free flow of air around the projector is necessary.
  - Locations where temperatures may become excessively high, such as inside of a car with all windows rolled up.
  - Locations where excessive humidity, dust, or cigarette smoke may contaminate optical components, shortening the life span and darkening the image.
  - Locations near fire alarms.
  - Locations with an ambient temperature above 40 °C/104 °F.
  - Locations where the altitudes are higher than 10000 feet.
- Unplug immediately if there is something wrong with your projector. Do not operate if smoke, strange noise or odor comes out of your projector. It

might cause fire or electric shock. In this case, unplug immediately and contact your dealer.

- Do not keep using this product to break or drop it. In this case contact your dealer for inspection.
- Do not face the projector lens to the sun. It can lead to fire.
- When switching the projector off, suggest to ensure the projector completes its cooling cycle before disconnecting power.
- Do not frequently turn off the main power abruptly or unplug the projector during operation. The best way is to wait for the fan to turn off before turning main power off.
- Do not touch air outlet grille and bottom plate which becomes hot.
- Clean the air filter frequently if have. The temperature inside may rise and cause damage when the filter/ventilation slots clogged with dirt or dust.
- Do not look into the air outlet grille when projector is operating. It may hurt your eyes.
- Always open the lens shutter or remove the lens cap when the projector is on.
- Do not block the projector lens with any object when the projector is under operation as this could cause the object to become heated and deformed or even cause a fire. To temporarily turn off the lamp, press **HIDE** on the remote control.
- The lamp becomes extremely hot during operation. Allow the projector to cool for approximately 45 minutes prior to removing the lamp assembly for replacement.
- Do not operate lamps beyond the rated lamp life. It could cause it to break on rare occasions.
- Never replace the lamp assembly or any electronic components unless the projector is unplugged.
- The product will detect the life of the lamp itself. Please be sure to change the lamp when is showing warning message.
- When changing the lamp, please allow unit to cool down, and follow all changing instructions.
- Reset the "Lamp Hour Reset" function from the Onscreen display "Management" menu after replacing the lamp module.
- Do not attempt to disassemble this projector. There are dangerous high voltages inside which may hurt you. The only user serviceable part is the lamp which has its own removable cover. Refer servicing only to suitable qualified professional service personnel.
- Do not stand the projector on end vertically. It may cause the projector to fall over, causing injury or damage.
- This product is capable of displaying inverted images for ceiling mount installation. Only use acer ceiling mount kit for mounting the projector and ensure it is securely installed.

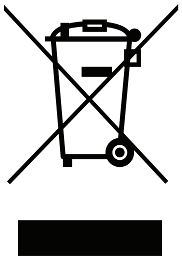
Caution for Listening

To protect your hearing, follow these instructions.

- Increase the volume gradually until you can hear clearly and comfortably.
- Do not increase the volume level after your ears have adjusted.
- Do not listen to music at high volumes for extended periods.
- Do not increase the volume to block out noisy surroundings.
- Decrease the volume if you can't hear people speaking near you.

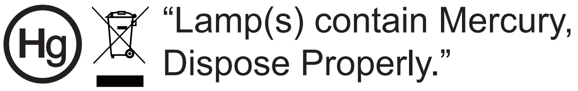
Disposal instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit http://www.acer-group.com/public/Sustainability/sustainability01.htm



Mercury advisory

For projectors or electronic products containing an LCD/CRT monitor or display:



"Lamp(s) contain Mercury,
Dispose Properly."

Lamp(s) inside this product contain mercury and must be recycled or disposed of according to local, state or federal laws. For more information, contact the Electronic Industries Alliance at www.eiae.org. For lamp-specific disposal information, check www.lamprecycle.org

First things first

Usage Notes

Do:

- Turn off the product before cleaning.
- Use a soft cloth moistened with mild detergent to clean the display housing.
- Disconnect the power plug from AC outlet if the product is not being used for a long period of time.

Don't:

- Block the slots and openings on the unit provided for ventilation.
- Use abrasive cleaners, waxes or solvents to clean the unit.
- Use under the following conditions:
    - In extremely hot, cold or humid environments.
    - In areas susceptible to excessive dust and dirt.
    - Near any appliance that generates a strong magnetic field.
    - Place In direct sunlight.

Precautions

Follow all warnings, precautions and maintenance as recommended in this user's guide to maximize the life of your unit.

Warning:

- Do not look into the projector's lens when the lamp is on. The bright light may hurt your eyes.
- To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.
- Please do not open or disassemble the product as this may cause electric shock.
- When changing the lamp, please allow unit to cool down, and follow all changing instructions.
- This product will detect the life of the lamp itself. Please be sure to change the lamp when it shows warning messages.
- Reset the "Lamp Hour Reset" function from the Onscreen display "Management" menu after replacing the lamp module.
- When switching the projector off, please ensure the projector completes its cooling cycle before disconnecting power.
- Turn on the projector first and then the signal sources.
- Do not use lens cap when projector is in operation.
- When the lamp reaches the end of its life, it will burn out and may make a loud popping sound. If this happens, the projector will not turn back on until the lamp module has been replaced. To replace the lamp, follow the procedures listed under "Replacing the Lamp".

Contents

Information for your safety and comfort iii

First things first viii

- Usage Notes viii
- Precautions viii

Introduction 1

- Product Features 1
- Package Overview 2
- Projector Overview 3
  - Projector Outlook 3
  - Control Panel 4
  - Remote Control Layout 5
  - MHL (Mobile High-Definition Link) Control 7

Getting Started 8

- Connecting the Projector 8
- Turning the Projector On/Off 10
  - Turning on the Projector 10
  - Turning the projector off 11
- Adjusting the Projected Image 12
  - Adjusting the Height of Projected Image 12
  - How to optimize image size and distance 13
  - How to get a preferred image size by adjusting distance and zoom 17

User Controls 21

- Installation menu 21
- Onscreen Display (OSD) Menus 23
- Color 24
- Image 26
- Setting 28
- Management 31
- Audio 32
- 3D 33
- Language 33
- Acer LAN webpage management 34

How to login in 34
Home 35
Control Panel 35
Network Setting 36
Alert Setting 36
Logout 37
Appendices 38
Troubleshooting 38
LED & Alarm Definition Listing 42
Cleaning and replacing the dust filters 43
Replacing the Lamp 44
Ceiling Mount Installation 45
Specifications 48
Compatibility modes 52
Regulations and safety notices 57

Introduction

Product Features

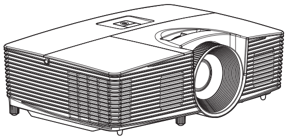
This product is a single-chip DLP® projector. Outstanding features include:

- DLP® technology
- P1183/M403/PE-S42/X1183A/D603P/EV-S62T/X114/X1183/D603/EV-S62/X113/D600/EV-S60/V10S/AS201/X113H/X113PH/D600D/EV-S60H/V12S/AS211 series: Native 800 x 600 SVGA resolution
  P1283/M413/PE-X42/V12X/AX316/P1283n/M413T/PE-X42G/X1283/X1280/D613/EV-X62 series: Native 1024 x 768 XGA resolution
  P1383W/X1383WH/M423/PE-W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/V11W/AW216 series: Native 1280 x 800 WXGA resolution
  H5380BD/E230/HE-720 series: 1280x720 720p resolution
  P1510/M450/PE-840/H6520BD/E240D/HE-804J series: 1920x1080 1080p resolution
  Full/4:3/16:9/L.Box aspect ratio supported
- Enables projecting 3D content via DLP Link Technology (Nvidia 3DTV Play Ready only on H6520BD/E240D/HE-804J, H5380BD/E230/HE-720 series)
- Acer ColorBoost technology delivers nature's true colors for vivid, life-like images
- High brightness and contrast ratio
- Versatile display modes (Bright, Presentation, Standard, Video, Game, Education, Movie, Dark Cinema, Sports, User) enable optimum performance in any situation
- NTSC / PAL / SECAM compatible and HDTV (720p, 1080i, 1080p) supported
- Lower power consumption and economy (ECO) mode extends lamp life
- Acer EcoProjeciton Technology delivers Intelligent power management approach and physical efficiency improvement
- Equipped with HDMI™ & MHL connection supporting HDCP
- Advanced digital keystone correction optimizes presentations
- Smart detection delivers quick, intelligent source detection
- Multi-language onscreen display (OSD) menus
- Manual focus projection lens zooms up to 1.1x
- 2x digital zoom and pan function
- Microsoft® Windows® 2000, XP, Vista®, Windows 7, Windows 8, Macintosh® OS compliant

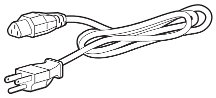
Note: Functions vary depending on model definition.

Package Overview

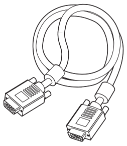
This projector comes with all the items shown below. Check to make sure your unit is complete. Contact your dealer immediately if any thing is missing.



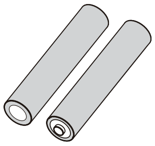
Projector



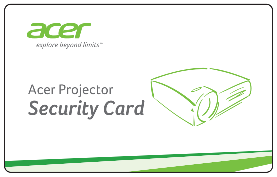
Power cord



VGA cable



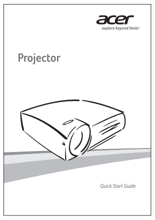
2 x Batteries
(option)


acer
explore beyond limits
Acer Projector
Security Card

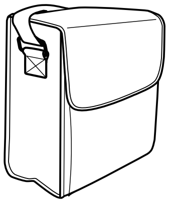
Security card

Acer Projector
acer
explore beyond limits
www.acer.com
DLP

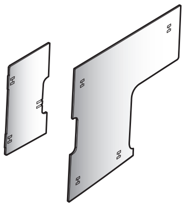
User's guide


acer
explore beyond limits
Projector
Quick Start Guide

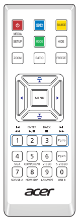
Quick start guide



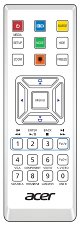
Carrying case
(option)



Dust filters
(option)



Remote control
(option)

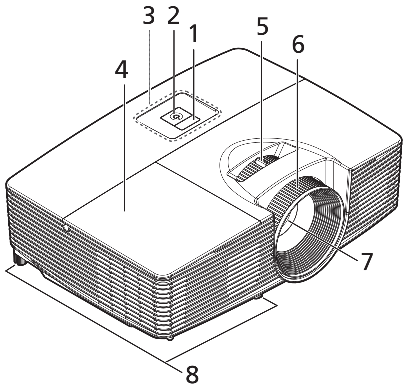


Remote control
(option)

Projector Overview

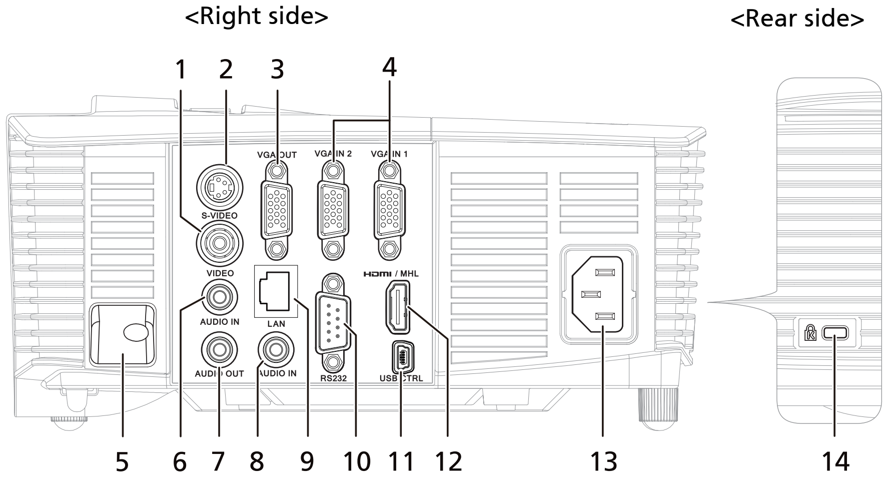
Projector Outlook

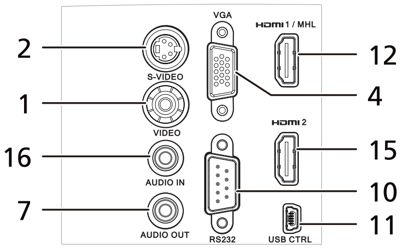
Front / upper side

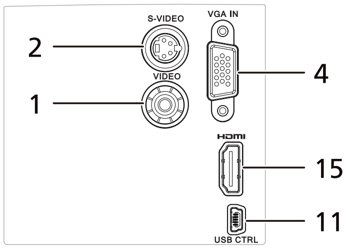


#	Description	#	Description
1	Remote control receiver	5	Zoom lever
2	Power button	6	Focus ring
3	Control panel	7	Projection lens
4	Lamp cover	8	Tilt adjusting wheels

Right / Rear side


<Right side>
<Rear side>
1
2
3
4
VGA OUT
VGA IN 2
VGA IN 1
S-VIDEO
VIDEO
AUDIO IN
LAN
AUDIO OUT
AUDIO IN
RS232
HDMI / MHL
USB CTRL
5
6
7
8
9
10
11
12
13
14

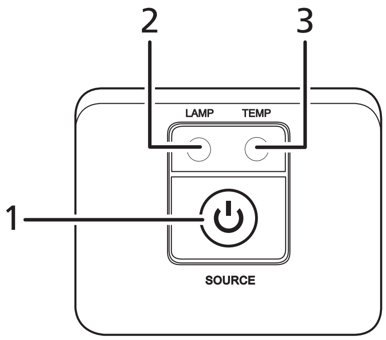

VGA
HDMI 1 / MHL
2
S-VIDEO
1
VIDEO
16
AUDIO IN
7
AUDIO OUT
12
4
HDMI 2
15
10
11
RS232
USB CTRL


S-VIDEO
VGA IN
2
VIDEO
1
4
HDMI
15
11
USB CTRL

#	Description	#	Description
1	Composite video input connector	9	LAN (RJ45 Port for 10/100M Ethernet)
2	S-Video input connector	10	RS232 connector
3	Monitor loop-through output connector (for VGA IN 2 only)	11	Mini USB connector
4	PC analog signal/HDTV/component video input connector (VGA, VGA IN, VGA IN 1, VGA IN 2)	12	HDMI/MHL connector (HDMI/MHL, HDMI 1/MHL)
5	Security bar	13	Power socket
6	Audio input connector (for S-Video, Composite)	14	Kensington^{TM} lock port
7	Audio out connector	15	HDMI 2 connector
8	Audio in connector (for VGA IN 1, VGA IN 2)	16	Audio input connector (for S-Video, Composite, VGA)

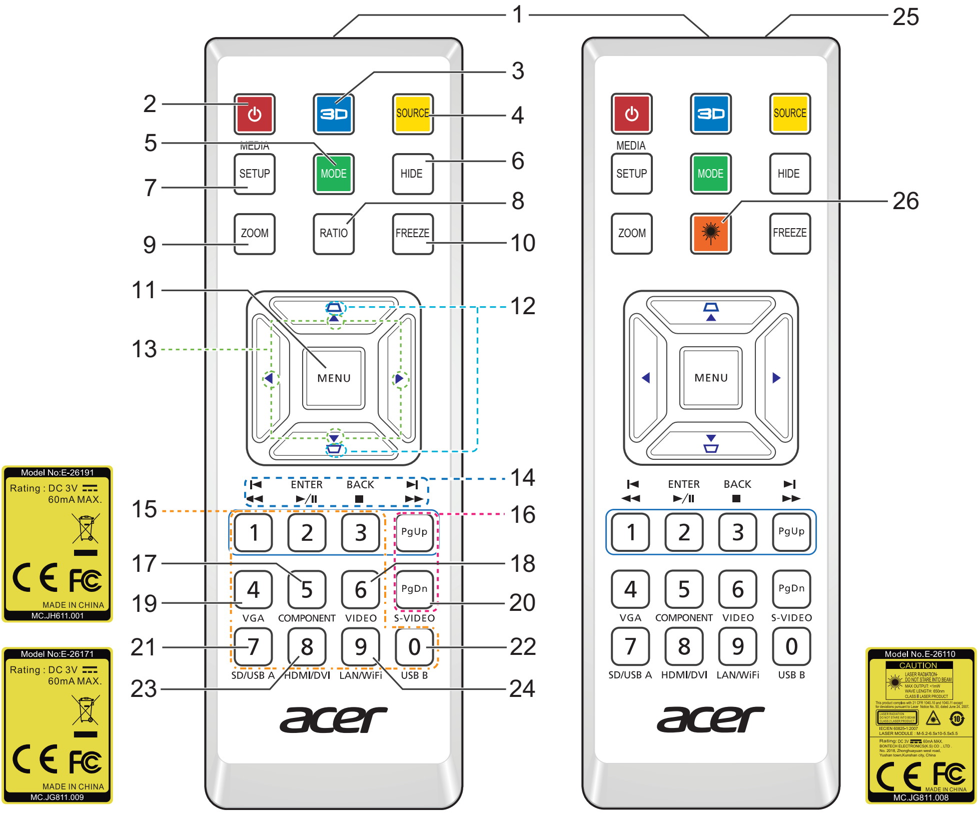
Note: Functions vary depending on model definition.

Control Panel



#	Icon	Function	Description
1	⏻	POWER	Power Indicator LED See the contents in "Turning the Projector On/Off" section.
		Source	Long press to show the source menu. Change the active source, short press the button to switch around.
2		LAMP	Lamp Indicator LED
3		TEMP	Temp Indicator LED

Remote Control Layout

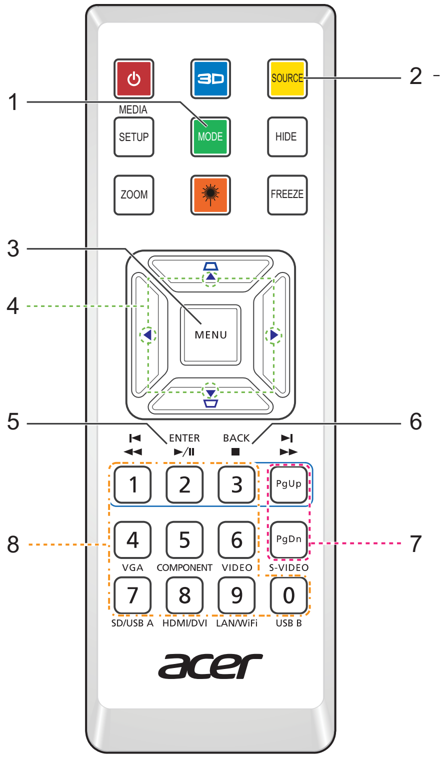

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
SOURCE
MEDIA
SETUP
MODE
HIDE
ZOOM
RATIO
FREEZE
MENU
ENTER
BACK
PgUp
PgDn
VGA
COMPONENT
VIDEO
S-VIDEO
SD/USB A
HDMI/DVI
LAN/WiFi
USB B
acer
Model No:E-26191
Rating : DC 3V
60mA MAX.
MADE IN CHINA
MC.JH611.001
Model No:E-26171
Rating : DC 3V
60mA MAX.
MADE IN CHINA
MC.JG811.009
Model No.E-26110
CAUTION
MADE IN CHINA
MC.JG811.008

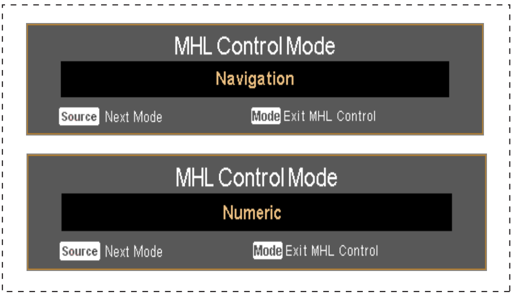
#	Icon	Function	Description
1		Infrared transmitter	Sends signals to the projector.
2	⏻	POWER	Refer to the "**Turning the Projector On/Off**" section.
3	3D	3D	Press "3D" to select 3D models.
4		SOURCE	Changes the active source.
5		MODE	Press "MODE" to select the display mode from Bright, Presentation, Standard, Video, Game, Education and User.
6		HIDE	Momentarily turns off the video. Press "**HIDE**" to hide the image, press again to display the image.
7		MEDIA_SETUP	No function.
8		RATIO	To choose the desired aspect ratio.
9		ZOOM	Zooms the projector display in or out.
10		FREEZE	To pause the screen image.
11		MENU	• Press "MENU" to launch the Onscreen display (OSD) menu, back to the previous step for the OSD menu operation or exit the OSD menu. • Confirm your selection of items.
12	⏢ ⏢	KEYSTONE	Adjusts the image to compensate for distortion caused by tilting the projector (± 40 degrees).

#	Icon	Function	Description
13	✥	Four directional select keys	Use up, down, left, right buttons to select items or make adjustments to your selection.
14	⏮ ⏪	Pre./Rewind	No function.
	ENTER ▶/II	Enter/ Play/ Pause	No function.
	BACK ■	Back/Stop	No function.
	⏭ ⏩	Next/Fast forward	No function.
15		KeyPad 0~9	Press "**0~9**" to input a password in the "Security" OSD.
16	PgUp PgDn	PgUp/PgDn	For computer mode only. Use this button to select the next or previous page. This function is only available when USB Ctrl connector (mini type B) is connected to a computer via a USB cable.
17		COMPONENT	No function.
18		VIDEO	To change source to COMPOSITE VIDEO.
19		VGA	Press "**VGA**" to change source to the VGA connector. This connector supports analog RGB, YPbPr (480p/576p/720p/1080i), YCbCr (480i/576i) and RGBsync.
20		S-VIDEO	To change source to S-Video.
21		SD/USB A	No function.
22		USB B	For USB control and firmware upgrade.
23		HDMI/DVI	To change source to HDMI/MHL. (no DVI function)
24		LAN/WiFi	Press "LAN/WiFi" to display the image which is wire or wirelessly transmitted from the PC to the projector via the "Acer LAN webpage management" utility.
25(*)		Laser pointer	Aim the remote at the viewing screen.
26(*)	✳	Laser button	Aim the remote at the viewing screen, press and hold this button to activate the laser pointer. This function is not supported in Japanese market.

Note: Functions vary depending on model definition.

MHL (Mobile High-Definition Link) Control


1
2
3
4
5
6
7
8
SOURCE
MEDIA
SETUP
MODE
HIDE
ZOOM
FREEZE
MENU
ENTER
BACK
1
2
3
PgUp
4
5
6
PgDn
VGA
COMPONENT
VIDEO
S-VIDEO
7
8
9
0
SD/USB A
HDMI/DVI
LAN/WiFi
USB B
acer


MHL Control Mode

Navigation

Source Next Mode   Mode Exit MHL Control

MHL Control Mode

Numeric

Source Next Mode   Mode Exit MHL Control

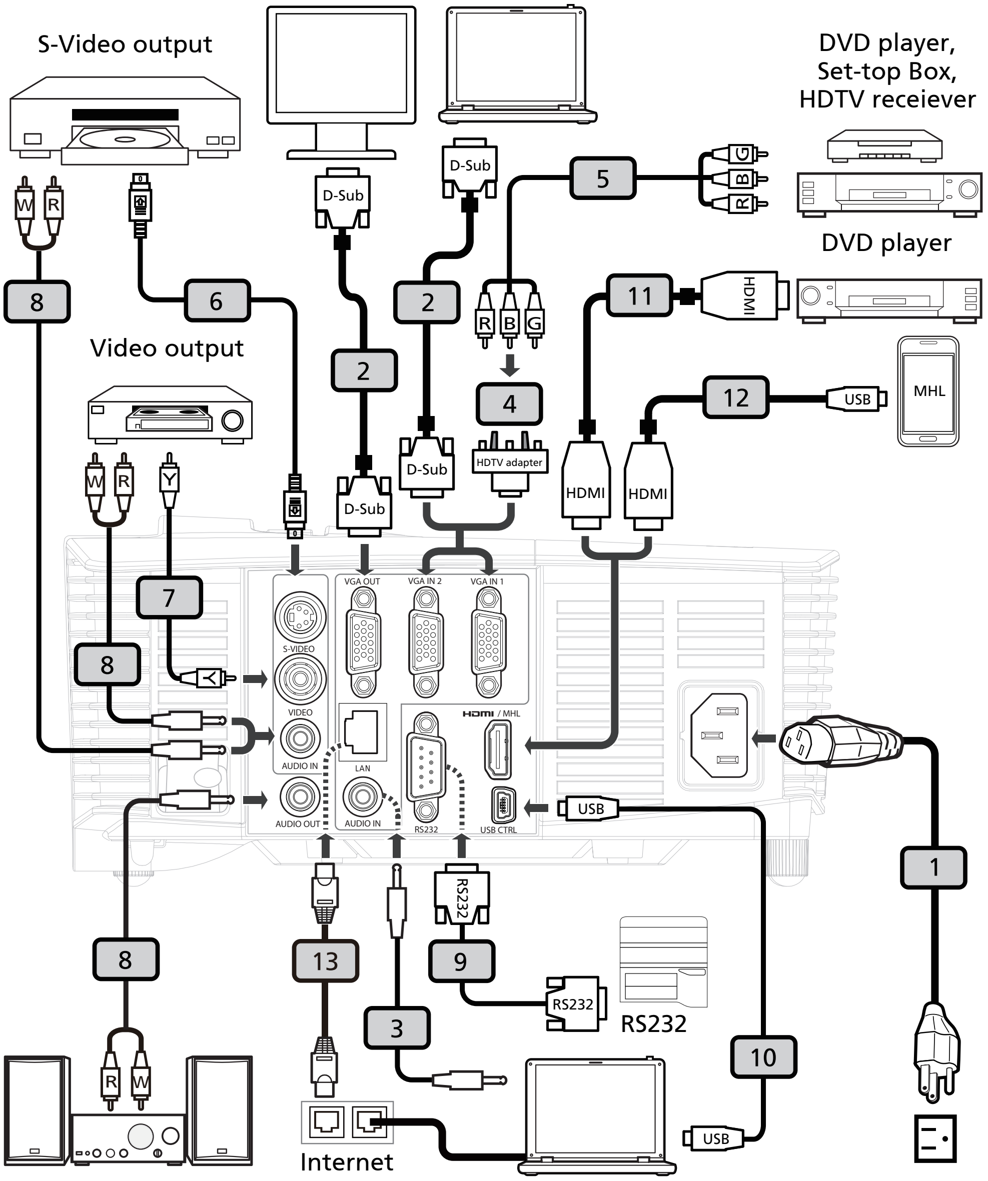
#	Icon	Component	Description
1		MODE	- Press "MODE" button for one second to activate the MHL Control Mode. - To exit, press the "MODE" button again.
2		SOURCE	Press the "SOURCE" button to toggle between Navigation or Numeric mode.
3		MENU	Press to launch the root memu. (only for **Navigation** mode)
4	▲◀▶▼	Direction Keys	Use up, down, left, right buttons to select items or make adjustments to your selection. (only for **Navigation** mode)
5	ENTER ►/II	Select	To select the file. (only for **Navigation** mode)
6	BACK ■	Exit	To exit the file. (only for **Navigation** mode)
7	PgUp PgDn	PgUp/PgDn	Use the button to select the next or previous page. (only for **Navigation** mode)
8		KeyPad 0~9	Number buttons. (only for **Numeric** mode)

Note: Functions vary depending on model definition.

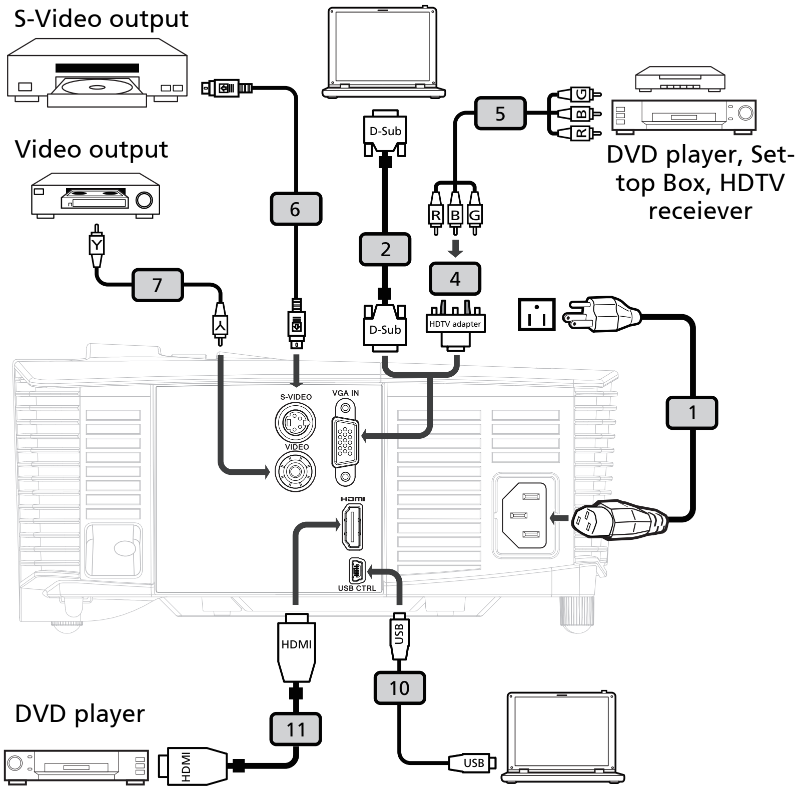
Getting Started

Connecting the Projector

<Type 1>


S-Video output
DVD player,
Set-top Box,
HDTV receiever
DVD player
Video output
D-Sub
D-Sub
D-Sub
D-Sub
5
G
B
R
W
R
8
6
2
2
R
B
G
11
HDMI
4
12
USB
MHL
HDTV adapter
HDMI
HDMI
W
R
Y
7
8
VGA OUT
VGA IN 2
VGA IN 1
S-VIDEO
VIDEO
AUDIO IN
LAN
HDMI / MHL
AUDIO OUT
AUDIO IN
RS232
USB CTRL
USB
1
RS232
8
13
9
3
RS232
RS232
10
R
W
USB
Internet

<Type 2>


S-Video output
Video output
DVD player, Set-top Box, HDTV receiever
DVD player
D-Sub
D-Sub
HDTV adapter
R
B
G
Y
S-VIDEO
VGA IN
VIDEO
HDMI
USB CTRL
HDMI
USB
USB
HDMI
1
2
4
5
6
7
10
11

#	Description	#	Description
1	Power cord	8	Audio cable jack/RCA
2	VGA cable	9	RS232 cable
3	Audio cable jack/jack	10	USB cable
4	VGA to component/HDTV adapter	11	HDMI cable
5	3 RCA component cable	12	MHL cable (MicroUSB to HDMI)
6	S-Video cable	13	RJ45 cable
7	Composite video cable		

Note: To ensure the projector works well with your computer, please make sure the timing of the display mode is compatible with the projector.
Note: Functions vary depending on model definition.
Note: USB cable needs powered extender if the length is over 5 m.
Note: VGA OUT loops through for VGA IN 2 only.
Note: Some smartphones require a converter (supplied by smartphone maker) to enable the MHL function.

Turning the Projector On/Off

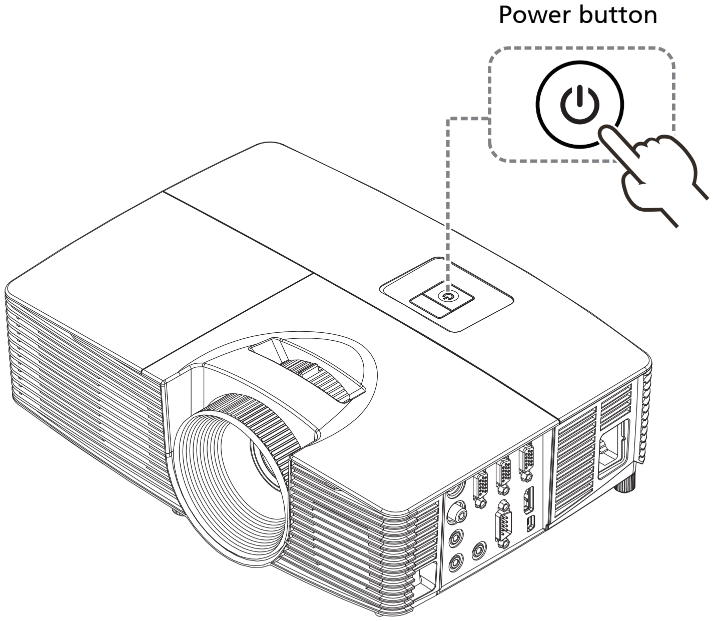
Turning on the Projector

1 Ensure that the power cord and signal cable are securely connected. The Power indicator LED will flash red.

2 Turn on the projector by pressing "**Power**" button on the control panel or remote control, and the Power indicator LED will turn blue.

3 Turn on your source (computer, notebook, video player ,etc.). The projector will detect your source automatically.

- If the screen displays "Lock" and "Source" icons, it means the projector is locked onto a specific source type and there is no such type of input signal detected.
- If the screen displays "No Signal", please make sure the signal cables are securely connected.
- If you connect to multiple sources at the same time, use the "**Source**" button on the remote control or direct source key on the remote control to switch between inputs.



Turning the projector off

1 To turn the projector off, press and hold the power button. This message appears: **"Please press the power button again to complete the shutdown process."** Press the power button again.

2 The LED power indicator will turn RED and blink rapidly after the projector is turned off, and the fan(s) will continue to operate for about 2 minutes to ensure that the system cools properly. (only supported under "Instant Resume" mode)

3 As long as the power cord remains plugged in, you can press the power button to turn the projector immediately back on anytime during the 2-minute shutdown process. (only supported under "Instant Resume" mode)

4 Once the system has finished cooling, the LED power indicator will stop blinking and turn solid red to indicate standby mode.

5 It is now safe to unplug the power cord.

Warning indicators:

- **"Projector Overheated. Lamp will automatically turn off soon."**
  This onscreen message indicates that the projector has overheated. The lamp with automatically turn off, the projector will automatically shut down, and the LED temp indicator will turn solid red. Contact your local dealer or service center.
- **"Fan failed. Lamp will automatically turn off soon."**
  This onscreen message indicates that the fan has failed. The lamp will automatically turn off, the projector will automatically shut down, and the LED temp indicator will blink. Contact your local dealer or service center.

Note: Whenever the projector automatically shuts down and the LED lamp indicator turns solid red, contact your local reseller or service center.
Note: Functions vary depending on model definition.

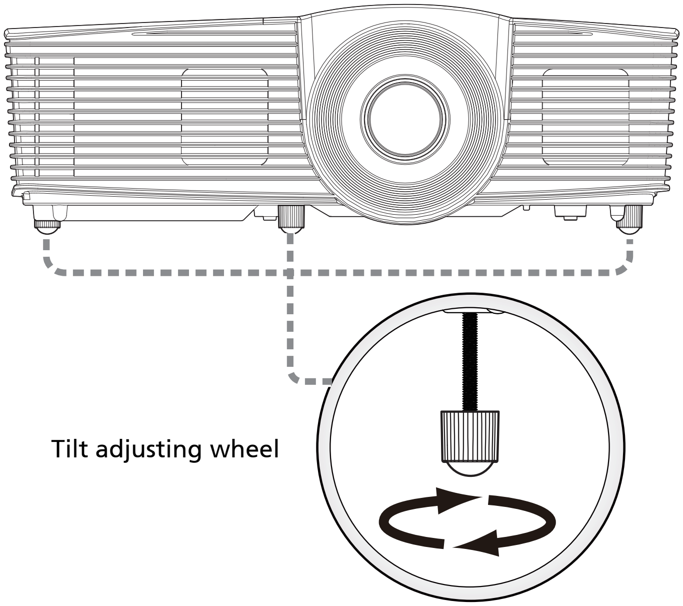
Adjusting the Projected Image

Adjusting the Height of Projected Image

The projector is equipped with elevator feet for adjusting the height of image.

To raise/lower the image:

Use Tilt adjusting wheel to fine-tune the display angle.



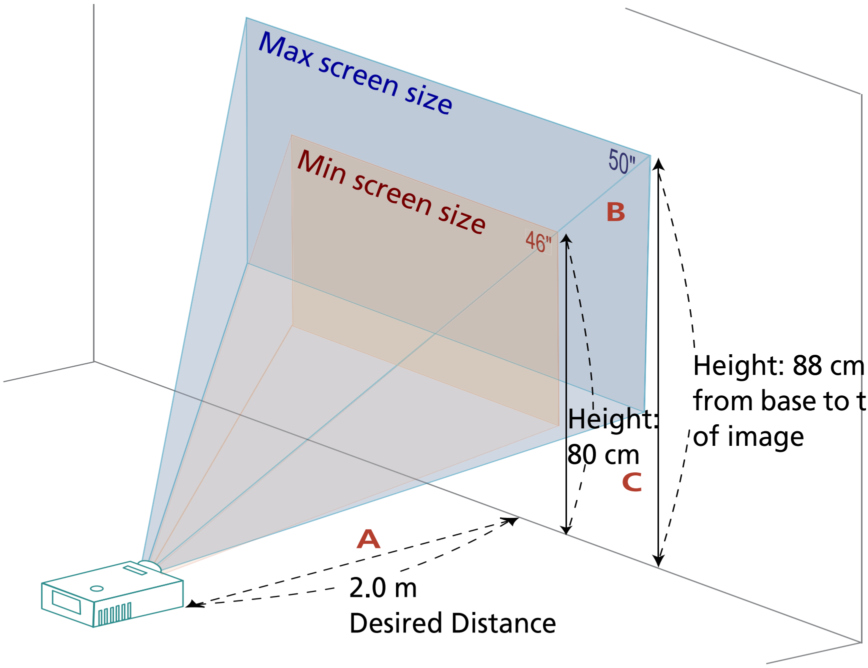
How to optimize image size and distance

Consult the table below to find the optimal image sizes achievable when the projector is positioned at a desired distance from the screen.

- SVGA/XGA series

If the projector is 2.0 m from the screen, good image quality is possible for image sizes between 46" and 50".

Note: Remind as below figure, the space of 88 cm height is required when located at 2.0 m distance.



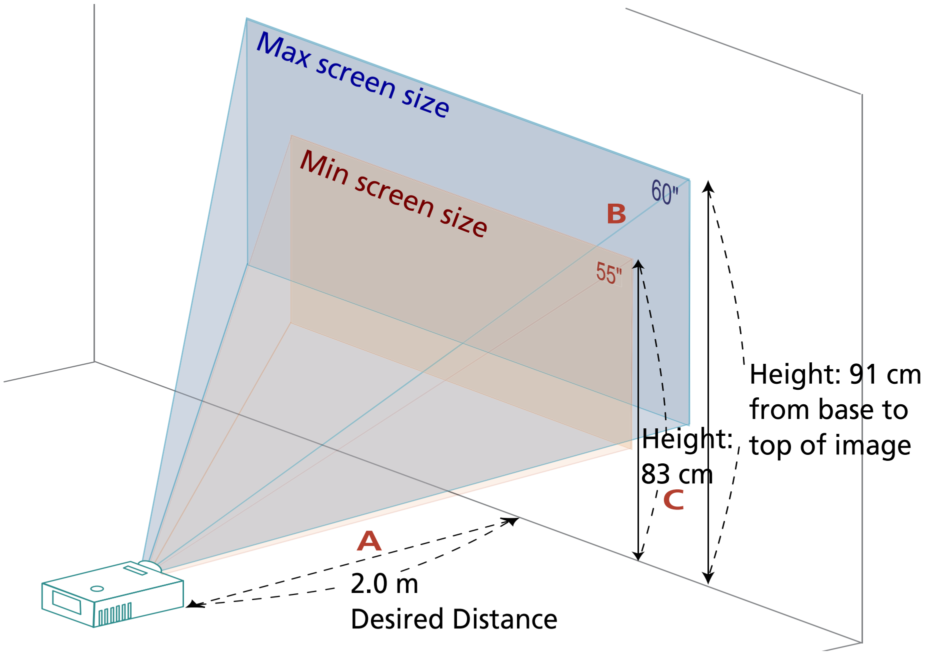
Desired Distance (m) <A>	Screen size		Top	Screen size		Top
	(Min zoom)			(Max zoom)		
	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>
1	23	47 x 35	40	25	51 x 38	44
2	46	93 x 70	80	50	103 x 77	88
2.5	57	116 x 87	100	63	128 x 96	111
3	69	140 x 105	120	76	154 x 115	133
3.5	80	163 x 122	140	88	179 x 135	155
4	92	186 x 140	160	101	205 x 154	177
4.5	103	209 x 157	181	114	231 x 173	199
5	114	233 x 174	201	126	256 x 192	221
6	137	279 x 209	241	151	308 x 231	265
7	160	326 x 244	281	177	359 x 269	310
8	183	372 x 279	321	202	410 x 308	354
9	206	419 x 314	361	227	462 x 346	398
10	229	465 x 349	401	252	513 x 385	442

Zoom Ratio: 1.1x

- WXGA series

If the projector is 2.0 m from the screen, good image quality is possible for image sizes between 55" and 60".

Note: Remind as below figure, the space of 91 cm height is required when located at 2.0 m distance.


Max screen size
Min screen size
60"
55"
B
Height: 91 cm from base to top of image
Height: 83 cm
C
A
2.0 m
Desired Distance

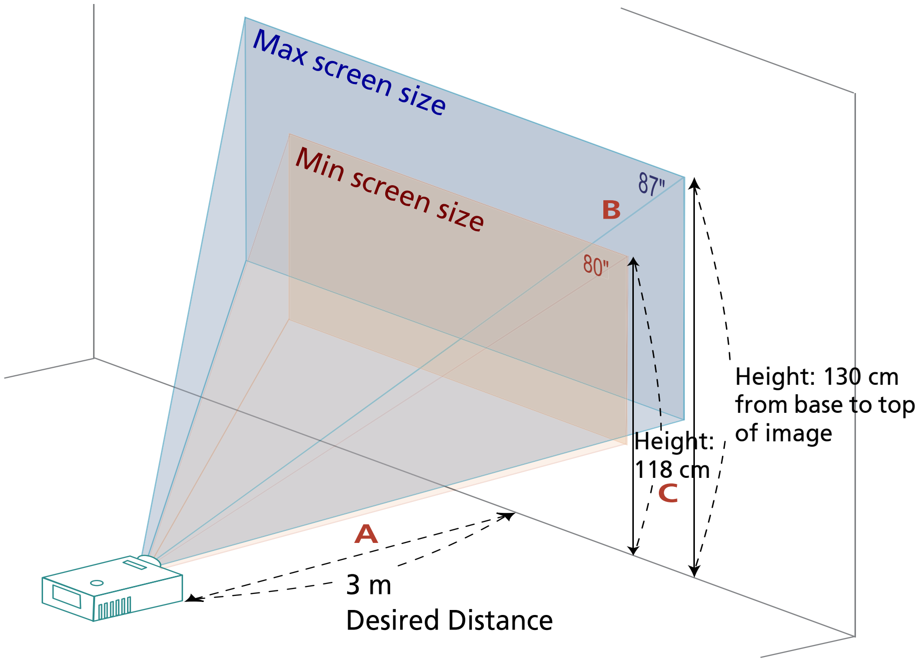
Desired Distance (m) <A>	Screen size		Top	Screen size		Top
	(Min zoom)			(Max zoom)		
	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>
1	27	59 x 37	41	30	65 x 40	45
1.5	41	88 x 55	62	45	97 x 60	68
2	55	118 x 74	83	60	129 x 81	91
2.5	68	147 x 92	103	75	161 x 101	113
3	82	176 x 110	124	90	194 x 121	136
3.5	96	206 x 129	145	105	226 x 141	159
4	109	235 x 147	165	120	258 x 161	181
4.5	123	265 x 165	186	135	290 x 181	204
5	137	294 x 184	207	150	323 x 202	227
6	164	353 x 221	248	180	387 x 242	272
7	191	412 x 257	289	210	452 x 282	317
8	218	471 x 294	331	240	516 x 323	363
9	246	529 x 331	372	270	581 x 363	408
10	273	588 x 368	413	300	645 x 403	453

Zoom Ratio: 1.1x

- 720p series

If the projector is 3 m from the screen, good image quality is possible for image sizes between 80" and 87".

Note: Remind as below figure, the space of 130 cm height is required when located at 3 m distance.


Max screen size
Min screen size
87"
80"
B
Height: 130 cm from base to top of image
Height: 118 cm
C
A
3 m
Desired Distance

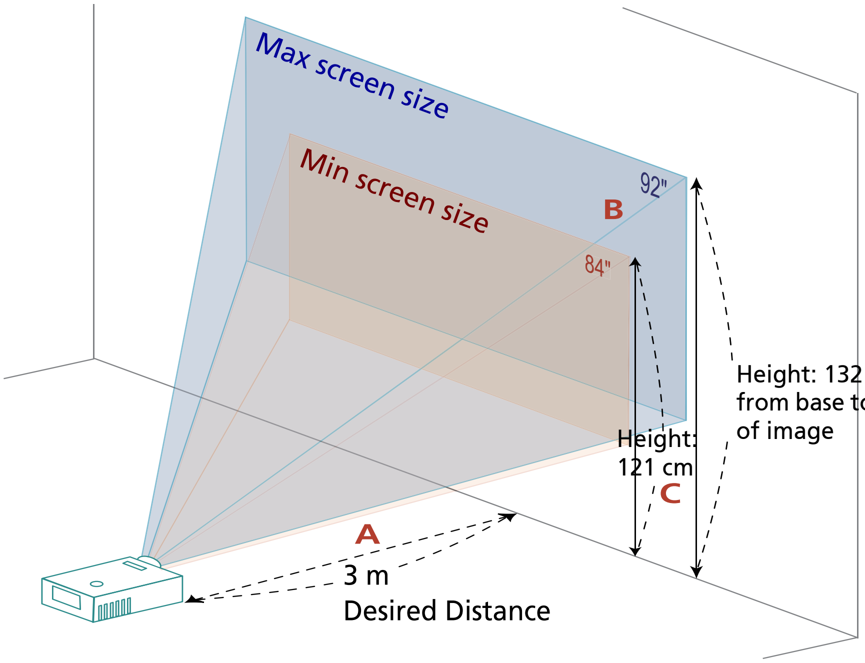
Desired Distance (m) <A>	Screen size		Top	Screen size		Top
	(Min zoom)			(Max zoom)		
	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>
0.9	24	53 x 30	36	26	58 x 33	39
1	27	59 x 33	39	29	65 x 36	43
1.5	40	88 x 50	59	44	97 x 54	65
2	53	118 x 66	79	58	129 x 73	87
2.5	66	147 x 83	99	73	161 x 91	108
3	80	176 x 99	118	87	194 x 109	130
3.5	93	206 x 116	138	102	226 x 127	152
4	106	235 x 132	158	117	258 x 145	173
4.5	120	265 x 149	178	131	290 x 163	195
5	133	294 x 165	197	146	323 x 181	216
6	159	353 x 199	237	175	387 x 218	260
7	186	412 x 232	276	204	452 x 254	303
9	239	529 x 298	355	262	581 x 327	390
10	266	588 x 331	395	291	645 x 363	433
10.5	279	618 x 347	414	306	677 x 381	455
11.8	314	694 x 390	466	34	761 x 428	511

Zoom Ratio: 1.1x

- 1080p series

If the projector is 3 m from the screen, good image quality is possible for image sizes between 84" and 92".

Note: Remind as below figure, the space of 132 cm height is required when located at 3 m distance.


Max screen size
Min screen size
92"
B
84"
Height: 132 cm from base to top of image
Height: 121 cm
C
A
3 m
Desired Distance

Desired Distance (m) <A>	Screen size		Top	Screen size		Top
	(Min zoom)			(Max zoom)		
	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>	Diagonal (inch) <B>	W (cm) x H (cm)	From base to top of image (cm) <C>
1.5	42	93 x 52	60	46	101 x 57	66
2	56	123 x 69	81	61	135 x 76	88
2.5	70	154 x 87	101	76	169 x 95	110
3	84	185 x 104	121	92	203 x 114	132
3.5	98	216 x 122	141	107	236 x 133	154
4	112	247 x 139	161	122	270 x 152	176
4.5	125	278 x 156	181	137	304 x 171	198
5	139	309 x 174	201	153	338 x 190	220
6	167	370 x 208	242	183	405 x 228	265
7	195	432 x 243	282	214	473 x 266	309
8	223	494 x 278	322	244	541 x 304	353
9	251	556 x 313	363	275	608 x 342	397
10	279	617 x 347	403	305	676 x 380	441

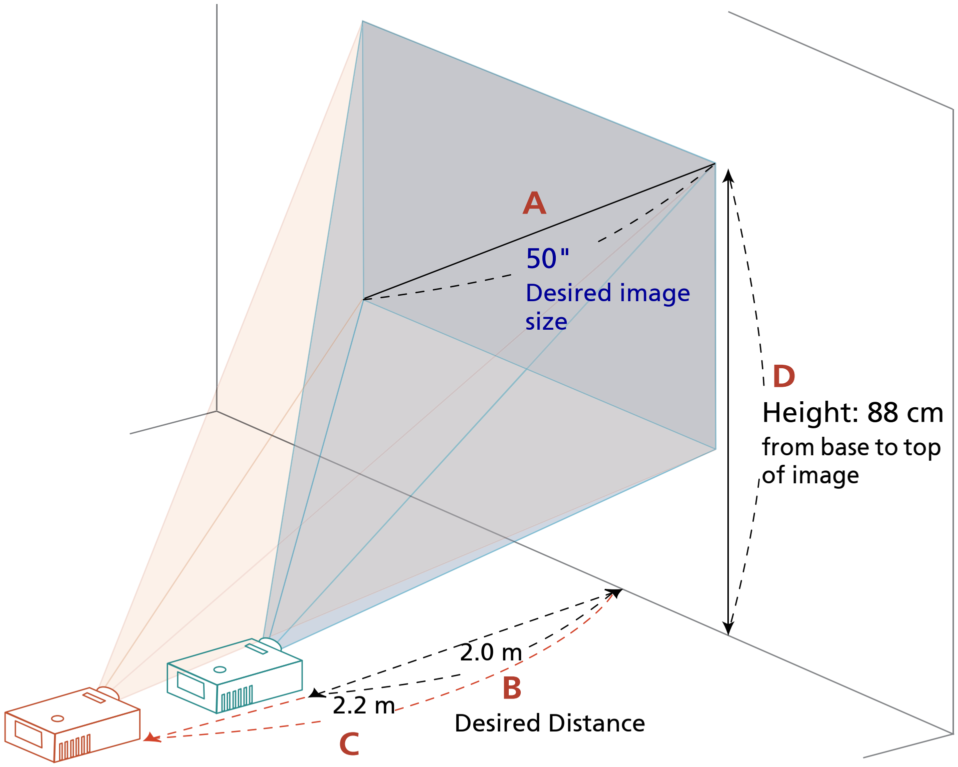
Zoom Ratio: 1.1x

How to get a preferred image size by adjusting distance and zoom

The table below shows how to achieve a desired image size by adjusting either the position or the zoom ring.

- SVGA/XGA series

To obtain an image size of 50" set the projector at a distance 2.0 m and 2.2 m from the screen.

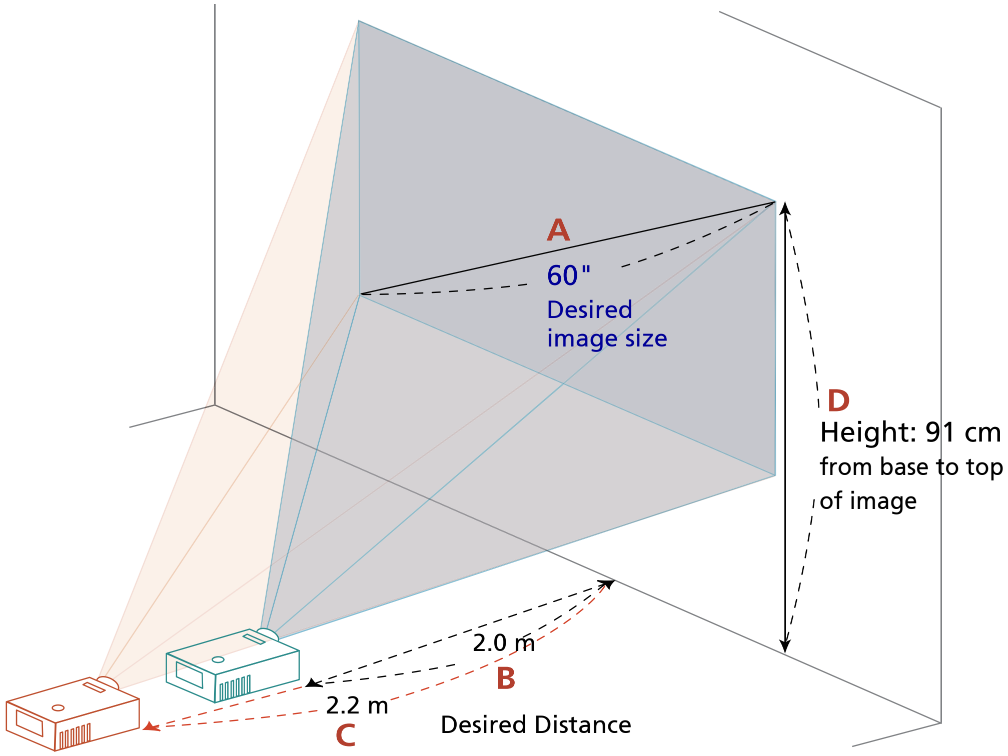

A
50"
Desired image size
D
Height: 88 cm
from base to top of image
2.0 m
2.2 m
B
Desired Distance
C

Desired Image Size		Distance (m)		Top (cm)
Diagonal (inch) <A>	W (cm) x H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
30	61 x 46	1.2	1.3	53
40	81 x 61	1.6	1.7	70
50	102 x 76	2.0	2.2	88
60	122 x 91	2.4	2.6	105
70	142 x 107	2.8	3.1	123
80	163 x 122	3.2	3.5	140
90	183 x 137	3.6	3.9	158
100	203 x 152	4.0	4.4	175
120	244 x 183	4.8	5.2	210
150	305 x 229	5.9	6.6	263
180	366 x 274	7.1	7.9	315
200	406 x 305	7.9	8.7	351
250	508 x 381	9.9	10.9	438
300	610 x 457	11.9		526

Zoom Ratio: 1.1x

- WXGA series

To obtain an image size of 60" set the projector at a distance 2.0 m and 2.2 m from the screen.

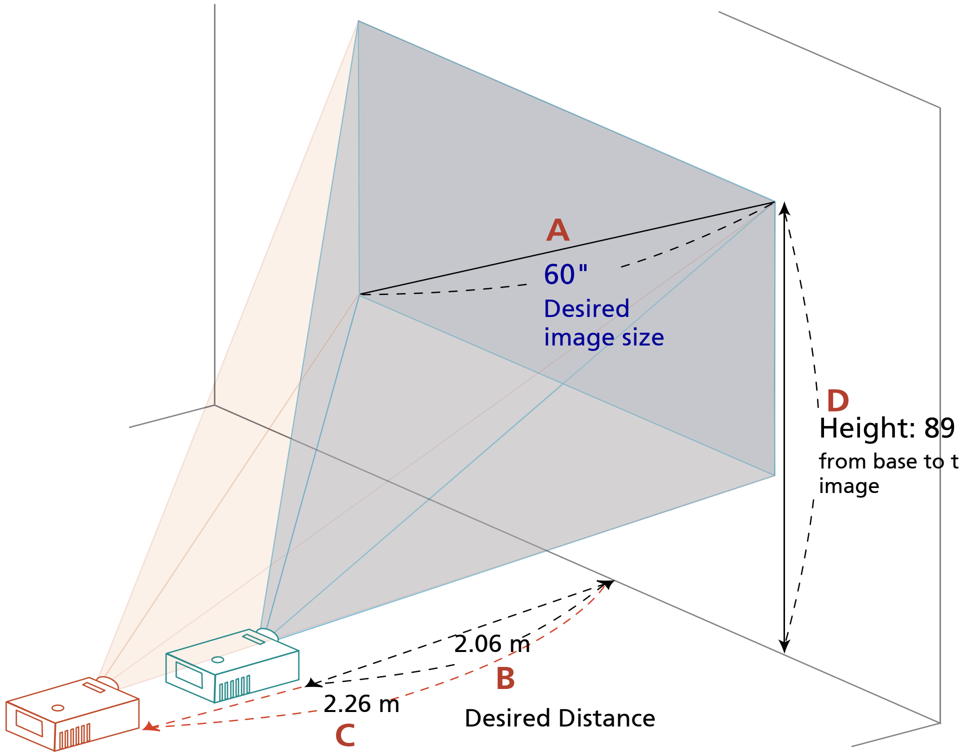

A
60"
Desired image size
D
Height: 91 cm
from base to top of image
2.0 m
B
2.2 m
C
Desired Distance

Desired Image Size		Distance (m)		Top (cm)
Diagonal (inch) <A>	W (cm) x H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
30	65 x 40	1.0	1.1	45
40	86 x 54	1.3	1.5	61
50	108 x 67	1.7	1.8	76
60	129 x 81	2.0	2.2	91
70	151 x 94	2.3	2.6	106
80	172 x 108	2.7	2.9	121
90	194 x 121	3.0	3.3	136
100	215 x 135	3.3	3.7	151
120	258 x 162	4.0	4.4	182
150	323 x 202	5.0	5.5	227
180	388 x 242	6.0	6.6	272
200	431 x 269	6.7	7.3	303
250	538 x 337	8.3	9.2	378
300	646 x 404	10.0	11.0	454

Zoom Ratio: 1.1x

- 720p series

To obtain an image size of 60" set the projector at a distance 2.06 m and 2.26 m from the screen.

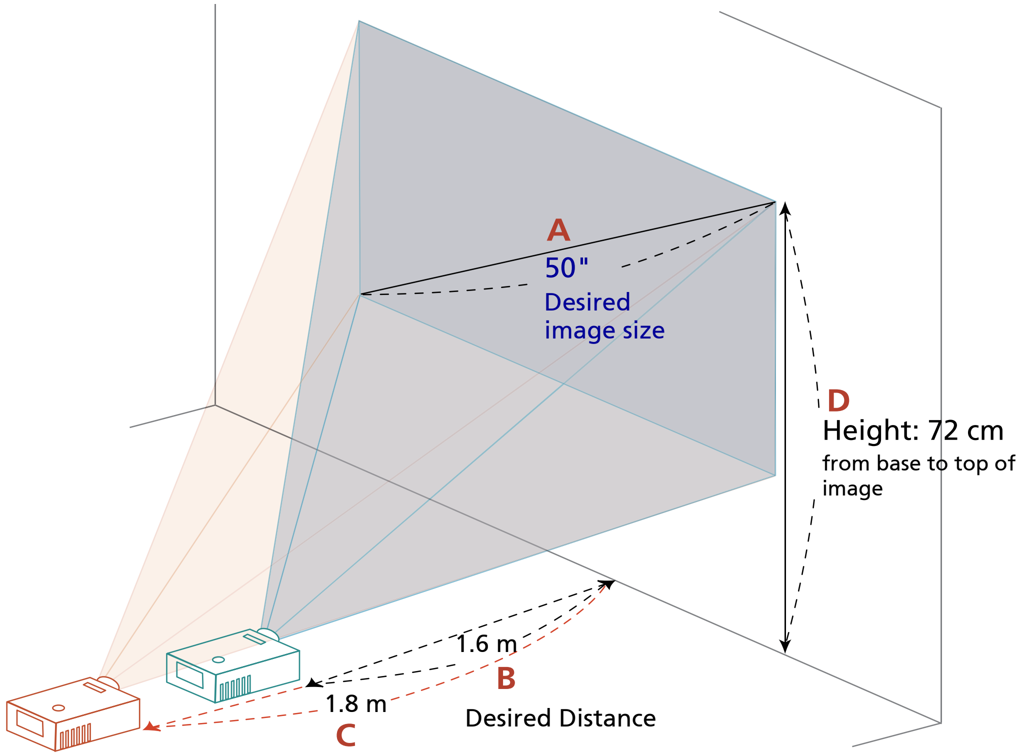

A
60"
Desired
image size
D
Height: 89 cm
from base to top of
image
2.06 m
B
2.26 m
C
Desired Distance

Desired Image Size		Distance (m)		Top (cm)
Diagonal (inch) <A>	W (cm) x H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
26.57	59 x 33	0.91	1.00	39
30	66 x 37	1.03	1.13	45
40	89 x 50	1.37	1.51	59
60	133 x 75	2.06	2.26	89
70	155 x 87	2.40	2.63	104
80	177 x 100	2.75	3.01	119
90	199 x 112	3.09	3.39	134
100	221 x 125	3.43	3.76	149
120	266 x 149	4.12	4.52	178
150	332 x 187	5.15	5.65	223
180	398 x 224	6.18	6.77	267
250	553 x 311	8.58	9.41	371
300	664 x 374	10.29	11.29	446
306	677 x 381	10.50	11.52	455

Zoom Ratio: 1.1x

- 1080p series

To obtain an image size of 50" set the projector at a distance 1.6 m and 1.8 m from the screen.


A
50"
Desired
image size
D
Height: 72 cm
from base to top of
image
1.6 m
B
1.8 m
C
Desired Distance

Desired Image Size		Distance (m)		Top (cm)
Diagonal (inch) <A>	W (cm) x H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
30	66 x 37	1.0	1.1	43
40	89 x 50	1.3	1.4	58
50	111 x 62	1.6	1.8	72
60	133 x 75	2.0	2.2	87
70	155 x 87	2.3	2.5	101
80	177 x 100	2.6	2.9	116
90	199 x 112	2.9	3.2	130
100	221 x 125	3.3	3.6	144
120	266 x 149	3.9	4.3	173
150	332 x 187	4.9	5.4	217
180	398 x 224	5.9	6.5	260
200	443 x 249	6.6	7.2	289
250	553 x 311	8.2	9.0	361
300	664 x 374	9.8	10.8	433

Zoom Ratio: 1.1x

User Controls

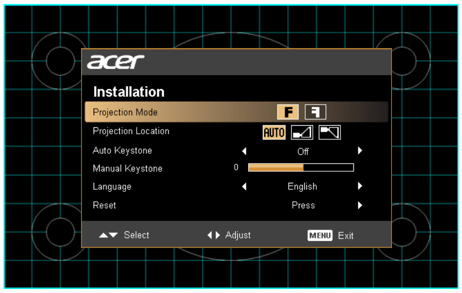
Installation menu

The installation menu provides an onscreen display (OSD) for projector installation and maintenance. Use the OSD only when the message "No signal input" is displayed on the screen.

The menu options include settings and adjustments for screen size and distance, focus, keystone correction and more .

1 Turn on the projector by pressing "**Power**" button on the control pad.

2 Press the "**MENU**" button on the remote control to launch the OSD for projector installation and maintenance.



Installation
Projection Mode
Projection Location AUTO
Auto Keystone Off
Manual Keystone 0
Language English
Reset Press

3 The background pattern acts as a guide to adjusting the calibration and alignment settings, such as screen size and distance, focus and more .

4 The Installation menu includes the following options:

- Projection method
- Projection Mode
- Projection Location
- Auto Keystone settings
- Manual Keystone settings
- H. Keystone
- V. Keystone
- LAN/WiFi
- LAN
- LAN IP/Mask
- USB Display
- Language settings
- Reset to factory default function

Use the up and down arrow keys to select an option, the left and right arrow keys to adjust selected option settings, and the right arrow key to enter a submenu for feature setting. The new settings will be saved automatically upon exiting the menu.

5 Push the MENU button anytime to exit the menu and return to the Acer welcome screen.

Note: Functions vary depending on model definition.

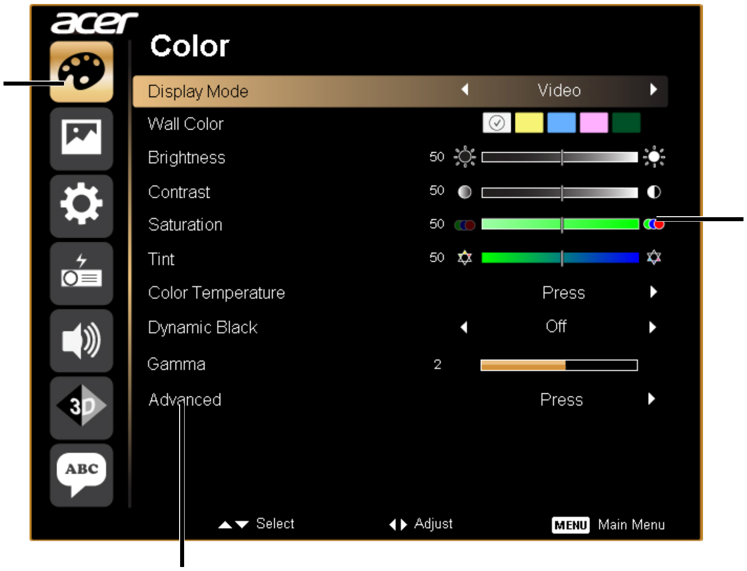
Onscreen Display (OSD) Menus

The projector has multilingual OSD that allow you to make image adjustments and change a variety of settings.

Using the OSD menus

- To open the OSD menu, press **"MENU"** on the remote control.
- When the OSD is displayed, use the ▲ ▼ keys to select any item in the main menu. After selecting the desired main menu item, press ▶ to enter submenu for feature setting.
- Use the ▲ ▼ keys to select the desired item and adjust the settings by using the ◀ ▶ keys.
- Select the next item to be adjusted in the submenu and adjust as described above.
- Press **"MENU"** on the remote control, the screen will return to the main menu.
- To exit OSD, press **"MENU"** on the remote control again. The OSD menu will close and the projector will automatically save the new settings.

Main menu



Display Mode ◀ Video ▶
Wall Color
Brightness 50
Contrast 50
Saturation 50
Tint 50
Color Temperature Press ▶
Dynamic Black ◀ Off ▶
Gamma 2
Advanced Press ▶

Setting

Sub menu

Note: Some of the following OSD settings may not be available. Please refer to the actual OSD of your projector.
Note: Functions vary depending on model definition.

Color

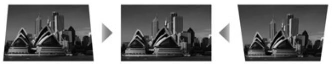
Display Mode	There are many factory presets optimized for various types of images. • Bright: For brightness optimization. • Presentation: For meeting presentation. • Standard: For common environment. • Video: For playing video in a bright environment. • Game: For game content. • Education: For education environment. • Movie: For brighter and general movie/video/photo playing. • Dark Cinema: For dark movie content. • Sports: For sport picture. • User: Memorize user's settings.
Wall color	Use this function to choose a proper color according to the wall. There are several choices, including white, light yellow, light blue, pink, dark green. It will compensate the color deviation due to the wall color to show the correct image tone.
Brightness	Adjust the brightness of the image. • Press ◀ to darken the image. • Press ▶ to lighten the image.
Contrast	"Contrast" controls the difference between the lightest and darkest parts of the picture. Adjusting the contrast changes the amount of black and white in the image. • Press ◀ to decrease the contrast. • Press ▶ to increase the contrast.
Saturation	Adjusts a video image from black and white to fully saturated color. • Press ◀ to decrease the amount of color in the image. • Press ▶ to increase the amount of color in the image.
Tint	Adjusts the color balance of red and green. • Press ◀ to increase the amount of green in the image. • Press ▶ to increase the amount of red in the image.

Color Temperature	Mode Use this function to choose CT1, CT2 (Native), CT3, User mode.
	R Gain Adjusts the red gain for color temperature optimization.
	G Gain Adjusts the green gain for color temperature optimization.
	B Gain Adjusts the blue gain for color temperature optimization.
	R Bias Adjusts the red bias for color temperature optimization.
	G Bias Adjusts the green bias for color temperature optimization.
	B Bias Adjusts the blue bias for color temperature optimization.
Dynamic Black	Choose "On" to automatically optimize the display of dark movie scenes enabling them to be shown in incredible detail.
Gamma	Effects the representation of dark scenery. With greater gamma value, dark scenery looks brighter.
Advanced	Ind. Color Management Adjusts the red, green, blue, cyan, yellow and magenta colors.
	Ind. Hue Adjusts the color balance of red and green.
	Ind. Saturation Adjusts the selected color to be less or more saturated color.
	Ind. Gain Adjusts the selected color's contrast.
	Skin Color Adjusts the skin color.
	Brilliant Color Produces an expanded on-screen color spectrum that delivers enhanced color saturation for bright, true-to-life images.
	White Peaking Increases the brightness of whites that are near 100%. (video sources only)
	Film Mode Sets the image optimized to 24-frame True Film mode.
	Noise Reduction Adjusts signal noise reduction."0" means the noise reduction is off, ">0" increase noise reduction.
	Black Extension This ensures optimum black level for each analog source.

Note: "Saturation" and "Tint" functions are not supported under computer or HDMI mode.

Note: Functions vary depending on model definition.

Image

Projection	• Front-Desktop: The factory default setting. • Rear-Desktop: When you select this function, the projector reverses the image so you can project from behind a translucent screen. • Rear-Ceiling: When you select this function, the projector reverses and inverts the image at same time. You can project from behind a translucent screen with ceiling mounted projection. • Front-Ceiling: When you select this function, the projector inverts the image for ceiling-mounted projection.
Projection Mode	• Front: The factory default setting. • Rear: Reverses the image so you can project from behind a translucent screen.
Projection Location	• AUTO Auto: Automatically adjusts projection location of image. • Desktop • Ceiling: Turns the image upside down for ceiling-mounted projection.
Aspect Ratio	Use this function to choose your desired aspect ratio. • Auto: Keep the image with original width-higth ratio and maxi mize the image to fit native horizontal or vertical pixels. • Full: Resize image to fit full screen by width (1280 pixels) and height (800 pixels). • 4:3: The image will be scaled to fit the screen and displayed using a 4:3 ratio. • 16:9: The image will be scaled to fit the width of the screen and the height adjusted to display the image using a 16:9 ratio. • L.Box: Keep original signal aspect ratio and zoom in by 1.333 times.
Auto Keystone	Automatically adjusts vertical image.
Manual Keystone	Adjust image distortion caused by tilting projection. (±40 degrees)  <Note> The Manual Keystone function is unavailable under Auto Keystone setting to "On".
Sharpeness	Adjusts the sharpness of the image. • Press ◀ to decrease the sharpness. • Press ▶ to increase the sharpness.

H./V. Keystone	Auto V. Keystone Automatically adjusts vertical image.
	H. Keystone Press the ◀ or ▶ button to adjust image distortion horizontally and makes a squarer image.
	V. Keystone Press the ◀ or ▶ button to adjust image distortion vertically and makes a squarer image.
4 Corner Correction	Select a corner and adjust the position within a limited range. Before adjusting this function, please adjust H./V. Keystone function to be closer to a rectangular shape firstly.
H. Position (Horizontal position)	• Press ◀ to move the image left. • Press ▶ to move the image right.
V. Position (Vertical position)	• Press ◀ to move the image down. • Press ▶ to move the image up.
Frequency	"Frequency" changes the projector's refresh rate to match the frequency of your computer's graphics card. If you can see a vertical flickering bar in the projected image, use this function to make the necessary adjustments.
Tracking	Synchronizes the signal timing of the projector with the graphics card. If you experience an unstable or flickering image, use this function to correct it.
HDMI Color Range	Adjust the color range of the HDMI image data to correct color display error. • Auto: Automatically adjust by information from player. • Limited Range: Prosess the input image as limited color range data. • Full Range: Prosess the input image as full color range data.
HDMI Scan Info	Adjust the overscan ratio of the HDMI image on screen. • Auto: Automatically adjust by information from player. • Underscan: Always no overscan on HDMI image. • Overscan: Always keep overscan on HDMI image.

Note: "H. Position", "V. Position", "Frequency" and "Tracking" functions are not supported under HDMI or Video mode.
Note: "HDMI Color Range" and "HDMI Scan Info" functions are only supported under HDMI mode.

Note: Functions vary depending on model definition.

Setting

Startup Screen	Use this function to select your desired startup screen. If you change the setting, the changes will take effect when you exit the OSD menu. • Acer: The default startup screen of your Acer projector. • User: Use memorize picture from "Screen Capture" function.
Screen Capture	Use this function to customize the startup screen. To capture the image that you want to use as the startup screen, follow the instructions below. Notice: Before proceeding with the following steps, make sure that the "Keystone" is set to the default value 0 and the aspect ratio is set to 4:3. For details, refer to the "Image" section. • Change the "Startup Screen" from the default setting "Acer" to "User". • Press "Screen Capture" to customize the startup screen. • A dialog box appears to confirm the action. Choose "Yes" to use the current image as your customized startup screen. The capture range is the red rectangular area. Choose "No" to cancel the screen capture and exit the onscreen display (OSD). • A message appears, stating that the screen capture is in progress. • When the screen capture is finished, the message disappears and the original display is shown. • The customized startup screen, as shown below, takes effect when there is a new input signal or when you restart the projector.
Source Lock	When Source Lock is turned "Off", the projector will search for other signals if the current input signal is lost. When Source Lock is turned "On", it will "lock" the current source channel unless you press "Source" button on the remote control for the next channel.
Closed Caption	Selects a preferred closed captioning mode from CC1, CC2, CC3, CC4, (CC1 displays captions in the primary language in your area). Select "Off" to turn off the captioning feature. This function is only available when a composite video or S-Video input signal is selected and its system format is NTSC. <Note> Set your screen aspect ratio to 4:3. This function is not available when the aspect ratio is "16:9" or "Auto" .
VGA OUT (Standby)	Default is "Off". Choose "On" to enable VGA OUT connection.
Reset	• Press the ▶ button and choose "Yes" to return the parameters on all menus to the factory default settings.
Security	**Security** This projector provides a useful security function for the administrator to manage usage of the projector . Press ▶ to change the "Security" setting. If the security function is enabled, your must enter the "Administrator Password" first before changing the security settings. • Select "On" to enable the security function. The user has to enter a password to operate the projector. Please refer to the "User Password" section for details. • If "Off" is selected, then the user can turn on the projector without password.

	Timeout(Min.) Once "Security" is activated to "On", the administrator can set timeout function. • Press ◀ or ▶ to select the timeout interval. • The range is from 10 minute to 990 minutes. • When the time is up, the projector will prompt the user to enter the password again. • The factory default setting of "Timeout(Min.)" is "Off". • Once the security function is enabled, the projector will request user to enter password when switch on the projector . Both "User Password" and "Administrator Password" can be accepted for this dialogue.
	User Password • Press ▶ to setup or change the "User Password". • Press number keys to set your password on the remote control and press "MENU" to confirm. • Press ◀ to delete character. • Enter the password when you see "Confirm Password" displayed. • The password should be between 4 and 8 characters long. • If you select "Request password only when plugging the power cord in.", the projector will prompt the user to enter the password every time the power cord is plugged. • If you select "Always request password while projector turns on.", the user has to enter the password every time when the projector is turned on.
	Administrator Password The "Administrator Password" can be used in both the "Enter Administrator Password" and "Enter Password" dialog boxes. • Press ▶ to change the "Administrator Password". • The factory default of "Administrator Password" is "1234". If you forgot your administrator password, do the following to retrieve the administrator password: • An unique 6-digit "Universal Password" which is printed on the Security Card (please check accessory in the box). This unique password is the number which will be accepted by projector anytime no matter what the Administrator Password is. • If losing this security card and number, please contact with an Acer service center.
	Lock to user startup screen Default Lock User Startup Screen is "Off". If lock user startup screen is "On", users cannot change startup screen anymore and avoid other users change that arbitrarily. Choose "Off" to unlock startup screen.

LAN	**LAN** Default is "Off". Choose "On" to enable LAN connection. <Note> If users want to do LAN control under standby mode, change VGA OUT (Standby) from Off to On.
	LAN IP/Mask Identify IP and Mask address.
	LAN Reset Reset LAN function.

Note: Functions vary depending on model definition.

Management

ECO Mode	Choose "On" to dim the projector lamp which will lower power consumption, extend the lamp life and reduce noise. Choose "Off" to return normal mode.
High Altitude	Choose "On" to turn on High Altitude mode. Operate the fans at full speed continuously to allow for proper high altitude cooling of the projector.
Turn Off Mode	• Instant Off: Shuts down the projector without fan cooling. • Instant Resume: Resumes the system when the Power button is pressed again within 2 minutes. • Standard: Properly shuts down the projector after fan cooling.
Auto Shutdown	The projector will automatically shutdown when there is no signal input after the allocated time. (default is 120 minutes)
Lamp Hour Elapse	Displays the lamp's elapsed operating time (in hours).
Lamp Reminding	Activate this function to display a reminder to change the lamp 30 hours before its expected end-of-life.
Lamp Hour Reset	Press the ▶ button and choose "Yes" to turn the lamp hour counter to 0 hours.

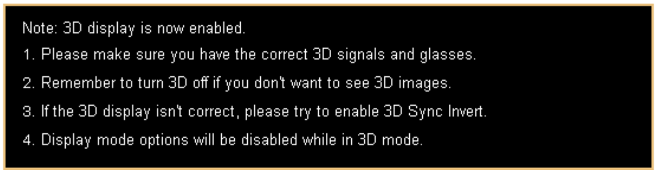
Note: Functions vary depending on model definition.

Audio

Volume	• Press ◀ to decrease the volume. • Press ▶ to increase the volume.
Mute	• Choose "On" to mute the volume. • Choose "Off" to restore the volume.
Power On/Off Volume	Select this function to adjust the notification volume when turning the projector on/off.

Note: Functions vary depending on model definition.

3D

3D	Choose "On" to enable DLP 3D function. • On: Choose this item while using DLP 3D glasses, 120Hz 3D capable graphics cards and HQFS format file or DVD with corresponding SW player. • Off: Turn off 3D mode.
3D Format	If the 3D content is not displayed correctly, you can select a 3D format that suits the 3D content you are viewing and obtain the best result.
24P 3D	Choose "96Hz" or "144Hz" to compatible with 3D glasses.
3D L/R Invert	If you see a discrete or overlapping image while wearing DLP 3D glasses, you may need to execute "Invert" to get best match of left/right image sequence to get the correct image (for DLP 3D).
3D Warning Message	Choose "On" to display the 3D warning message.  Note: 3D display is now enabled. 1. Please make sure you have the correct 3D signals and glasses. 2. Remember to turn 3D off if you don't want to see 3D images. 3. If the 3D display isn't correct, please try to enable 3D Sync Invert. 4. Display mode options will be disabled while in 3D mode.

Note: It needs correct settings on graphic card 3D application program for correct 3D display.
Note: The SW players, such as Stereoscopic Player and DDD TriDef Media Player can support 3D format files. You can download these three players on web page below,
- Stereoscopic Player (Trial):
  http://www.3dtv.at/Downloads/Index_en.aspx
- DDD TriDef Media Player (Trial):
  http://www.tridef.com/download/TriDef-3-D-Experience-4.0.2.html

Note: "3D L/R Invert" is only available when 3D is enabled.
Note: There has reminder screen if 3D still enable when power on projector. Please adjust setting depended on your purpose.

Language

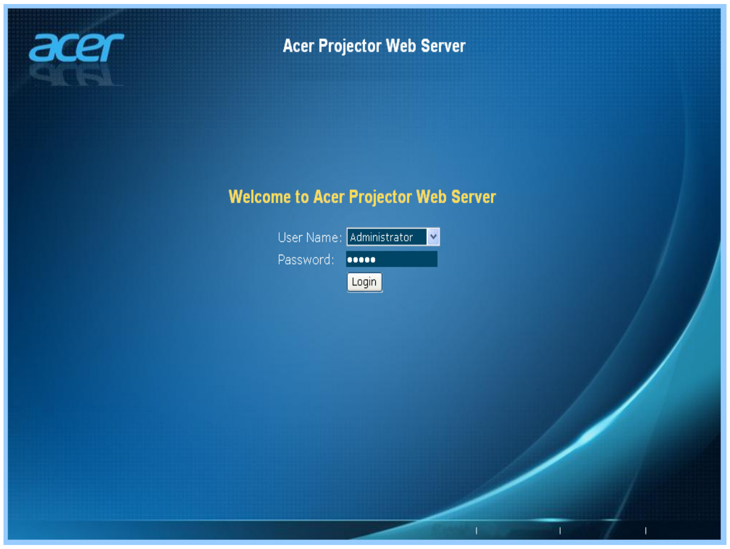
Language	Choose the multilingual OSD menu. Use the ▲ or ▼ key to select your preferred menu language. • Press ▶ to confirm the selection.

Acer LAN webpage management

How to login in

Open browser and enter the Server IP address by 192.168.100.10 to find below homepage of acer LAN webpage management. A password is needed to login in before using.

Select a user. **Administrator** is with high authority that can process more operations such as network setting and alert setting. Default password of administrator is "admin". And **User** is with normal authority with default password by "user". Click Login button to enter into homepage with correct password.



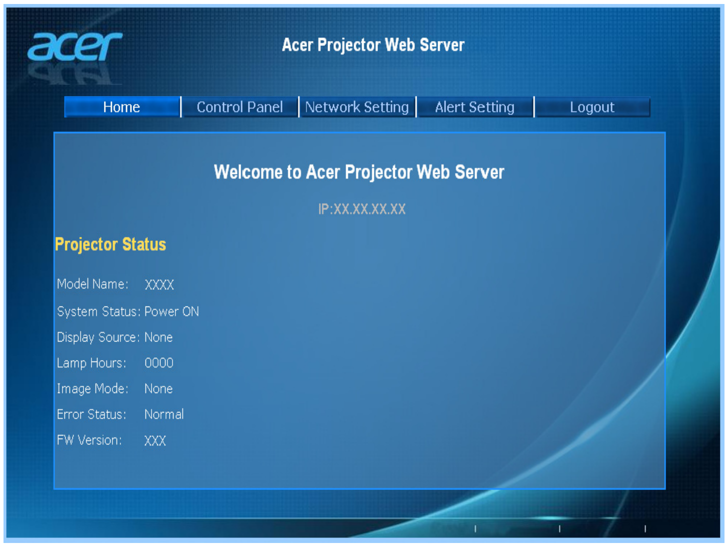
Welcome to Acer Projector Web Server

User Name: Administrator

Password: •••••

Home

Home page shows connection status and you can find three main functions listed, **Control Panel, Networking Setting** and **Alert Setting.**


acer
Acer Projector Web Server
Home
Control Panel
Network Setting
Alert Setting
Logout

Welcome to Acer Projector Web Server

IP:XX.XX.XX.XX

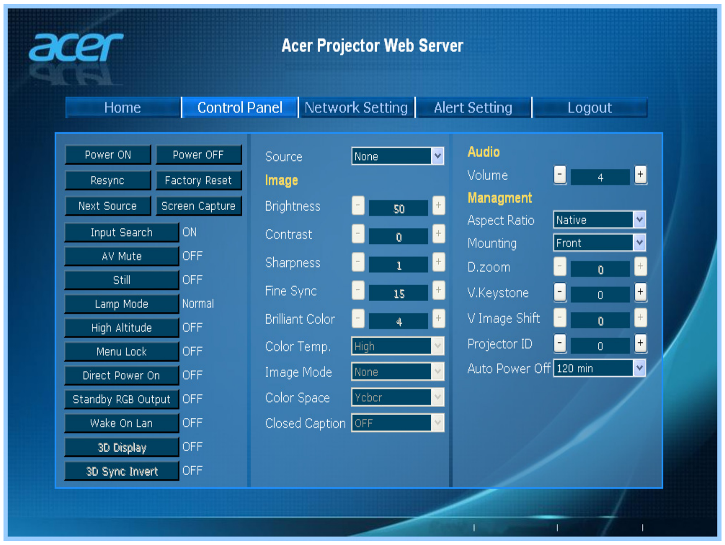
Projector Status

Model Name: XXXX
System Status: Power ON
Display Source: None
Lamp Hours: 0000
Image Mode: None
Error Status: Normal
FW Version: XXX

Note: Control Panel and Networking Setting are only for Administrator account.

Control Panel

Enduser can control and adjust projector setting value via this page.


acer
Acer Projector Web Server
Home
Control Panel
Network Setting
Alert Setting
Logout
Power ON
Power OFF
Resync
Factory Reset
Next Source
Screen Capture

Input Search ON
AV Mute OFF
Still OFF
Lamp Mode Normal
High Altitude OFF
Menu Lock OFF
Direct Power On OFF
Standby RGB Output OFF
Wake On Lan OFF
3D Display OFF
3D Sync Invert OFF

Source None

Image

Brightness 50
Contrast 0
Sharpness 1
Fine Sync 15
Brilliant Color 4
Color Temp. High
Image Mode None
Color Space Ycbcr
Closed Caption OFF

Audio

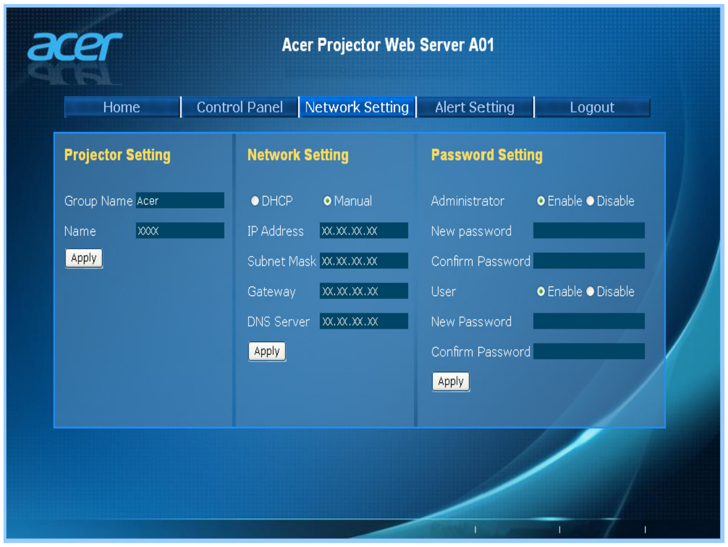
Volume 4

Managment

Aspect Ratio Native
Mounting Front
D.zoom 0
V.Keystone 0
V Image Shift 0
Projector ID 0
Auto Power Off 120 min

Network Setting

Enduser can set IP address, group name and password as wish. After change network configurations or password, projector will reboot automatically after press "Apply".


acer
Home
Control Panel
Network Setting
Alert Setting
Logout
Apply
Apply
Apply

Acer Projector Web Server A01

Projector Setting

Group Name: Acer
Name: XXXX

Network Setting

○ DHCP ● Manual
IP Address: XX.XX.XX.XX
Subnet Mask: XX.XX.XX.XX
Gateway: XX.XX.XX.XX
DNS Server: XX.XX.XX.XX

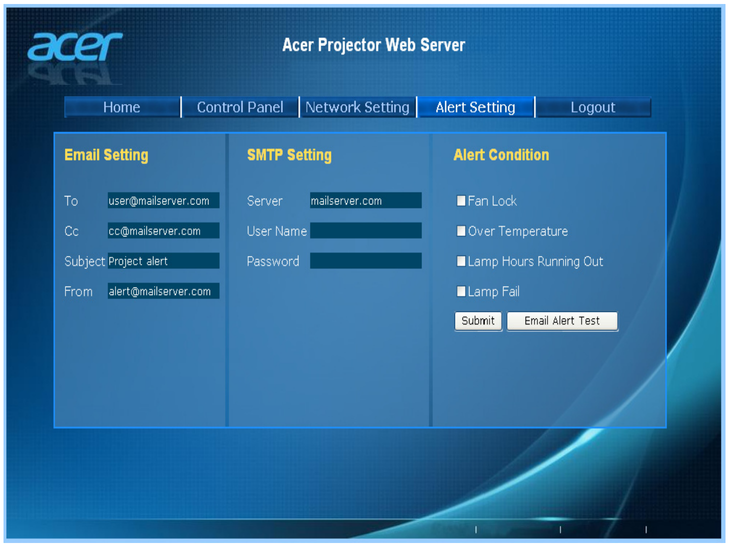
Password Setting

Administrator ● Enable ○ Disable
New password
Confirm Password
User ● Enable ○ Disable
New Password
Confirm Password

Note: Group Name and projector Name must be less then 32 characters.

Alert Setting

Enduser can send mail with error message right away if projector has problem.


acer
Home
Control Panel
Network Setting
Alert Setting
Logout
Submit
Email Alert Test

Acer Projector Web Server

Email Setting

To: user@mailserver.com
Cc: cc@mailserver.com
Subject: Project alert
From: alert@mailserver.com

SMTP Setting

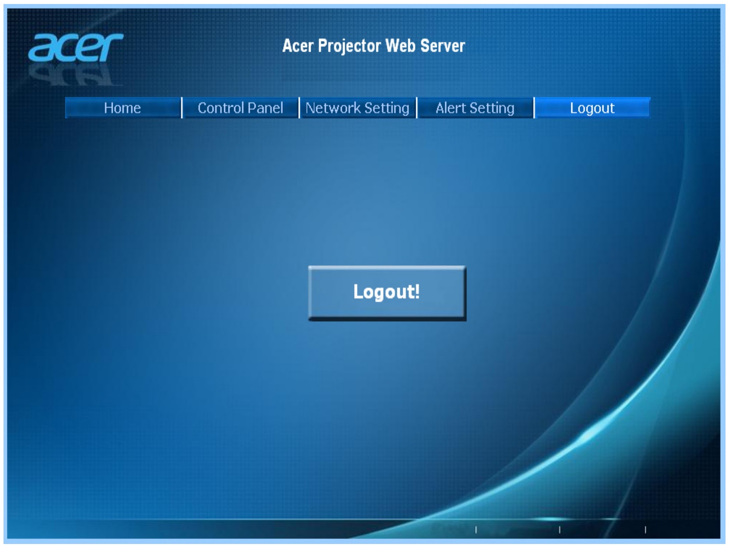
Server: mailserver.com
User Name
Password

Alert Condition

☐ Fan Lock
☐ Over Temperature
☐ Lamp Hours Running Out
☐ Lamp Fail

Logout

After tap Logout, you will return to login page within 5 seconds.


acer
Acer Projector Web Server
Home
Control Panel
Network Setting
Alert Setting
Logout
Logout!

Note: Functions vary depending on model definition.

Appendices

Troubleshooting

If you experience a problem with your Acer projector, refer to the following troubleshooting guide. If the problem persists, please contact your local reseller or service center.

Image Problems and Solutions

#	Problem	Solution
1	No image appears onscreen	• Connected as described in the "Getting Started" section. • Ensure none of the connector pins are bent or broken. • Check if the projector lamp has been securely installed. Please refer to the "Replacing the Lamp" section. • Make sure you have removed the lens cap and the projector is switched on.

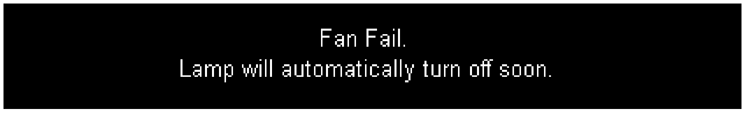
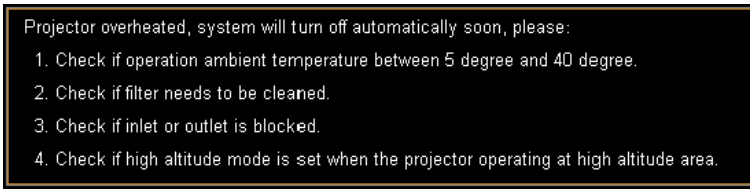
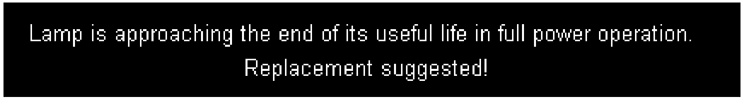
2	Partial, scrolling or incorrectly displayed image (for PC (Windows 2000/XP/Vista/ Windows 7/ Windows 8))	• Press "RESYNC" on the remote control.
		• For an incorrectly displayed image:
		  • Open "My Computer", open the "Control Panel", and then double-click the "Display" icon.
		  • Select the "Settings" tab.
		  • Verify that your display resolution setting is lower than or equal to WUXGA-RB (1920 x 1200).
		  • Click the "Advanced Properties" button.
		If the problem still appears, change the monitor display you are using and follow the steps below:
		  • Verify that the resolution setting is lower than or equal to WUXGA-RB (1920 x 1200).
		  • Click the "Change" button under the "Monitor" tab.
		  • Click "Show all devices". Next, select "Standard monitor types" under the SP box, and choose the resolution mode you need under the "Models" box.
		  • Verify that the resolution setting of the monitor display is lower than or equal to WUXGA-RB (1920 x 1200).

3	Partial, scrolling or incorrectly displayed image (For notebooks)	• Press "RESYNC" on the remote control.
		• For an incorrectly displayed image:
		  • Follow the steps for item 2 (above) to adjust the resolution of your computer.
		  • Press the toggle output settings. Example: [Fn]+[F4], Compaq [Fn]+[F4], Dell [Fn]+[F8], Gateway [Fn]+[F4], IBM [Fn]+[F7], HP [Fn]+[F4], NEC [Fn]+[F3], Toshiba [Fn]+[F5]
		• If you experience difficulty changing resolutions or your monitor freezes, restart all equipment including the projector.

4	The screen of the notebook computer is not displaying your presentation	• If you are using a Microsoft® Windows® based notebook: Some notebook PCs may deactivate their own screens when a second display device is in use. Each has a different way to be reactivated. Refer to your computer's manual for detailed information. • If you are using an Apple® Mac® OS based notebook: In System Preferences, open Display and select Video Mirroring "On".
5	Image is unstable or flickering	• Adjust the "Tracking" to correct it. Refer to the "Image" section for more information. • Change the display color depth settings on your computer.
6	Image has vertical flickering bar	• Use "Frequency" to make an adjustment. Refer to the "Image" section for more information. • Check and reconfigure the display mode of your graphics card to make it compatible with the projector.
7	Image is out of focus	• Make sure the lens cap is removed. • Adjusts the focus ring on the projector lens. • Make sure the projection screen is within the required distance of 3.9 to 39.0 feet (1.2 to 11.9 meters) (SVGA/XGA series) / 3.3 to 32.9 feet (1.0 to 10.0 meters) (WXGA series) / 3.3 to 33.8 feet (1.0 to 10.3 meters) (720p series) / 4.9 to 32.2 feet (1.5 to 9.8 meters) (1080p series) from the projector. Refer to the "How to Get a Preferred Image Size by Adjusting Distance and Zoom" section for more information.

8	Image is stretched when displaying a "widescreen" DVD title	When you play a DVD encoded in anamorphic or 16:9 aspect ratio you may need to adjust the following settings: • If you play a 4:3 format DVD title, please change the format to 4:3 in the projector OSD. • If the image is still stretched, you will also need to adjust the aspect ratio. Set up the display format to 16:9 (wide) aspect ratio on your DVD player. • If you play an Letterbox (LBX) format DVD title, please change the format to Letterbox (LBX) in the projector OSD.
9	Image is too small or too large	• Adjust the zoom lever on the top of the projector. • Move the projector closer to or further from the screen. • Press "MENU" on the remote control. Go to "Image --> Aspect Ratio" and try different settings or press "RATIO" on the remote control to adjust directly.
10	Image has slanted sides	• If possible, reposition the projector so that it is centered on the screen. • Press the "Keystone △ / ▽" button on the remote control until the sides are vertical. • Press "MENU" on the remote control. Go to "Image --> Auto Keystone" and choose "Off" on the OSD, if "Keystone" button is not available on the remote control.
11	Image is reversed	• Select "Image --> Projection" on the OSD and adjust the projection direction.

OSD Messages

#	Condition	Message Reminder
1	Message	• Fan Fail - the system fan is not working.  Fan Fail. Lamp will automatically turn off soon. • Projector Overheated - the projector has exceeded its recommended operating temperature and must be allowed to cool down before it may be used. Please check the following message.  Projector overheated, system will turn off automatically soon, please: 1. Check if operation ambient temperature between 5 degree and 40 degree. 2. Check if filter needs to be cleaned. 3. Check if inlet or outlet is blocked. 4. Check if high altitude mode is set when the projector operating at high altitude area. Please also check the dust filters if they are installed. If the dust filter is clogged with dust, please clean it. Please refer to "Cleaning and replacing the dust filter" for details. • Replace the lamp - the lamp is about to reach its maximum lifetime. Prepare to replace it soon.  Lamp is approaching the end of its useful life in full power operation. Replacement suggested!

Problems with the Projector

#	Condition	Solution
1	The projector stops responding to all controls	If possible, turn off the projector, then unplug the power cord and wait at least 30 seconds before reconnecting power.
2	Lamp burns out or makes a popping sound	When the lamp reaches the end of its useful life, it will burn out and may make a loud popping sound. If this happens, the projector will not turn on until the lamp module has been replaced. To replace the lamp, follow the procedures in the "Replacing the Lamp" section.

LED & Alarm Definition Listing

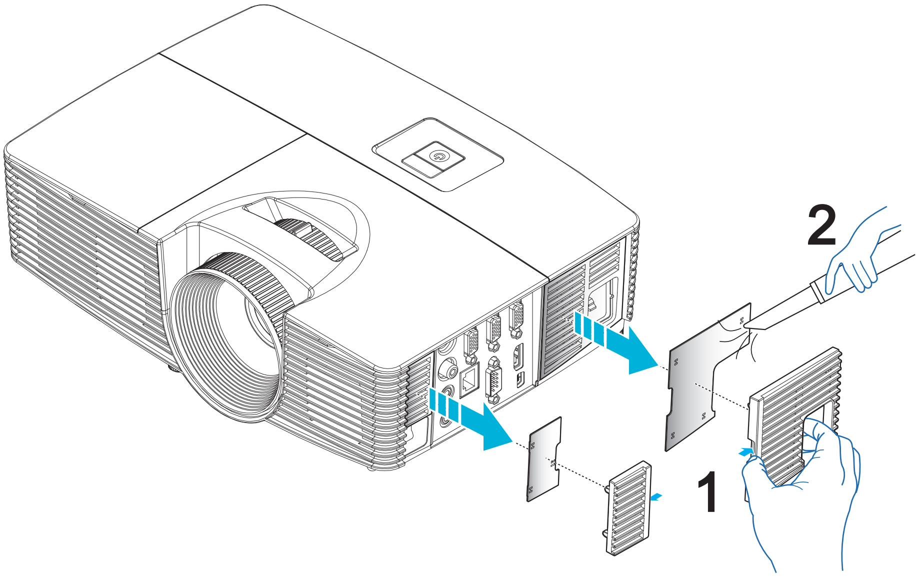
LED Messages

Message	Lamp_LED	Temp_LED	Power LED	
	Red	Red	Red	Blue
Input power plug	Flash ON to OFF 100ms	Flash ON to OFF 100ms	Flash ON to OFF 100ms	--
Standby	--	--	ON	--
Power button ON	--	--	--	ON
Lamp retry	--	--	--	Quick Flashing
Power off (Cooling state)	--	--	Quick Flashing	--
Power button OFF (cooling completed; standby mode)	--	--	ON	--
Error (thermal failure)	--	ON	--	ON
Error (fan lock)	--	Quick Flashing	--	ON
Error (lamp breakdown)	ON	--	--	ON
Error (color wheel fail)	Quick Flashing	--	--	ON

Cleaning and replacing the dust filters

Cleaning the dust filters

Clean the dust filters after every 1000 hours of use. If they are note cleaned periodically, they can become clogged with dust, preventing proper ventilation. This can cause overheating and damage the projector.



Follow these steps:

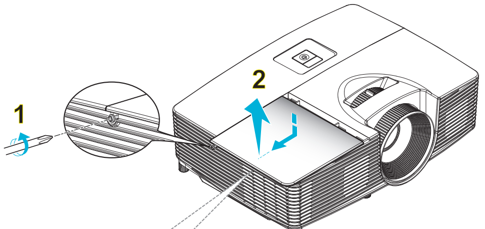
1 Turn the projector off. Wait for the Power LED to stop flashing then unplug the power cord.
2 Allow the projector at least 30 mins to cool down.
3 Pull out the dust filter. (Illustration #1)
4 To clean the dust filters, use a small vacuum cleaner designed for computers and other office equipment. (Illustration #2)
5 If the dirt is difficult to remove or the filter is broken, please contact your local dealer or service center to obtain a new filter.

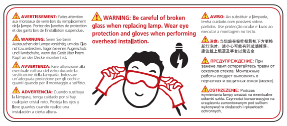
Replacing the Lamp

Use a screwdriver to remove the screw(s) from the cover, and then pull out the lamp.

The projector will detect the lamp life. You will be shown a warning message **"Lamp is approaching the end of its useful life in full power operation. Replacement suggested!"** When you see this message, change the lamp as soon as possible. Make sure the projector has been cooling down for at least 30 minutes before changing the lamp.

Warning: The lamp compartment is hot! Allow it to cool down before changing the lamp.





⚠ **AVERTISSEMENT:** Faites attention aux morceaux de verre lors du remplacement de la lampe. Portez des lunettes de protection et des gants lors de l'installation suspendue.

⚠ **WARNUNG:** Seien Sie beim Austauschen der Lampe vorsichtig, um das Glas nicht zu zerbrechen. Tragen Sie einen Augenschutz und Handschuhe, wenn das Gerät über Ihrem Kopf an der Decke montiert ist.

⚠ **AVVERTENZA:** Fare attenzione alla eventuale rottura del vetro durante la sostituzione della lampada. Indossare un'adeguata protezione per gli occhi e guanti quando per il montaggio a soffitto.

⚠ **ADVERTENCIA:** Cuando sustituya la lámpara, tenga cuidado por si hay cualquier cristal roto. Proteja los ojos y lleve guantes cuando realice una instalación a cierta altura.

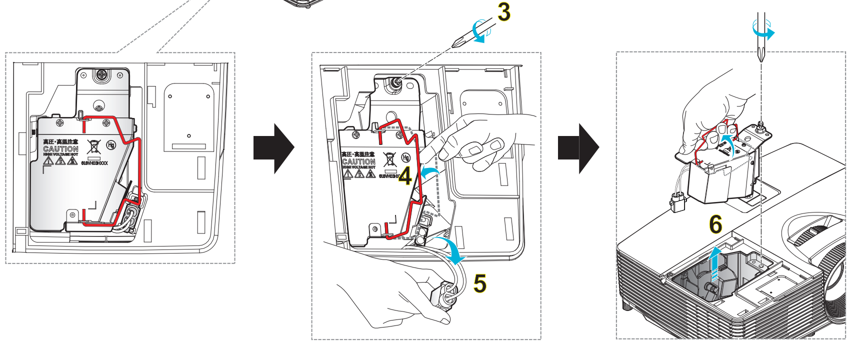
⚠ **WARNING: Be careful of broken glass when replacing lamp. Wear eye protection and gloves when performing overhead installation.**

⚠ **AVISO:** Ao substituir a lâmpada, tenha cuidado com possíveis vidros partidos. Use protecção ocular e luvas ao executar a montagem no tecto.

⚠ **注意：**当您站在壁挂投影机下方更换新灯泡时，请小心可能有碎玻璃掉落，建议戴上眼罩及手套以策安全

⚠ **ПРЕДУПРЕЖДЕНИЕ:** При замене ламп остерегайтесь травм от осколков стекла. Монтажные работы следует выполнять в перчатках и защитных очках (маске).

⚠ **OSTRZEŻENIE:** Podczas wymieniania lampy uważać na ewentualne odłamki szkła. Czynności konserwacyjne na urządzeniu zamontowanym pod sufitem wykonywać w okularach i rękawicach ochronnych.



To Change the Lamp

Turn off the projector by pressing the Power button.

Allow the projector at least 30 minutes to cool down.

Disconnect the power cord.

1 Use a screwdriver to remove the screw from the cover. (Illustration #1)
  Push up and remove the cover. (Illustration #2)

2 Remove the screw that secure the lamp module. (Illustration #3)
  Pull out the lamp plug. (Illustration #4)
  Lift the handle so that it stands up. (Illustration #5)

3 Lift the handle so that it stands up. Pull out the lamp module by force. (Illustration #6)

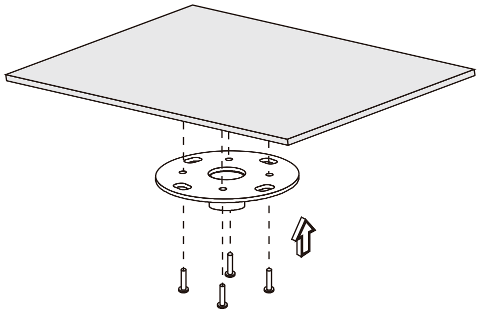
To replace the lamp module, use a new lamp and reverse the above steps.

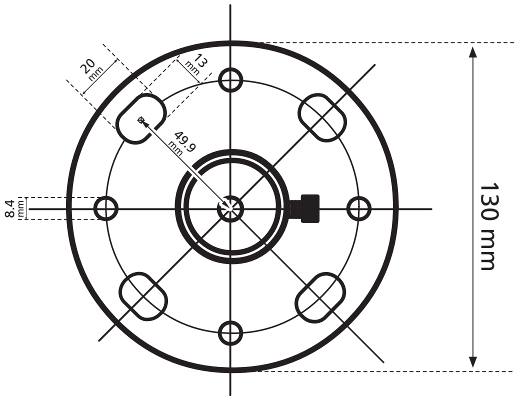
Warning: To reduce the risk of personal injury, do not drop the lamp module or touch the lamp bulb. The bulb may shatter and cause injury if it is dropped.

Ceiling Mount Installation

If you wish to install the projector using a ceiling mount, please refer to the steps below:

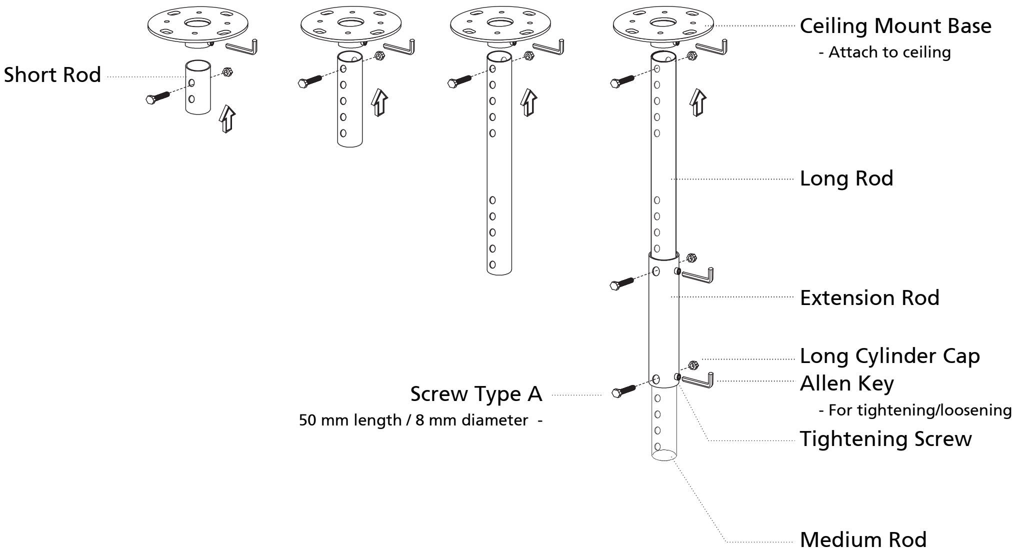
1 Drill four holes into a solid, structurally sound part of the ceiling, and secure the mount base.



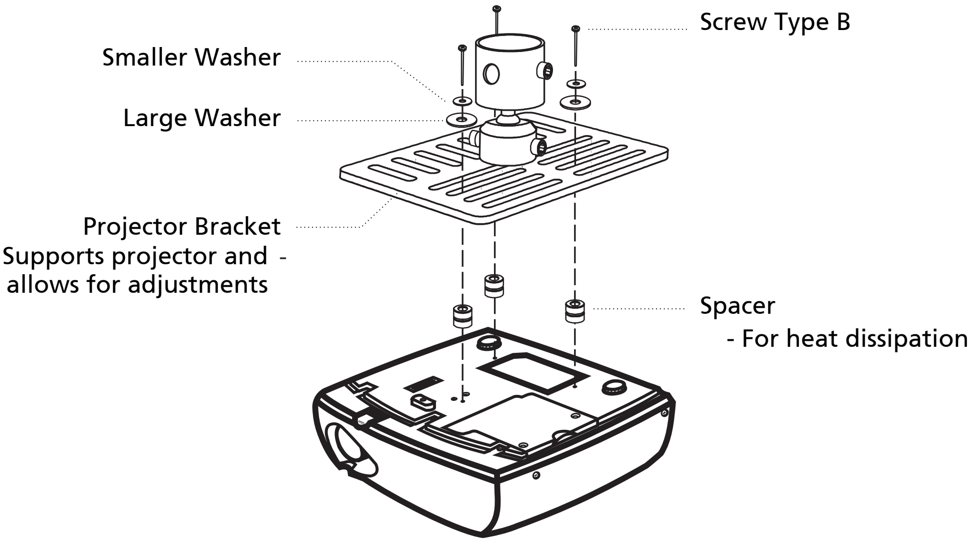

20 mm
13 mm
49.9 mm
8.4 mm
130 mm

Note: Screws are not included. Please obtain the appropriate screws for your type of ceiling.

2 Secure the ceiling rod using the appropriate type of four-cylinder screws.

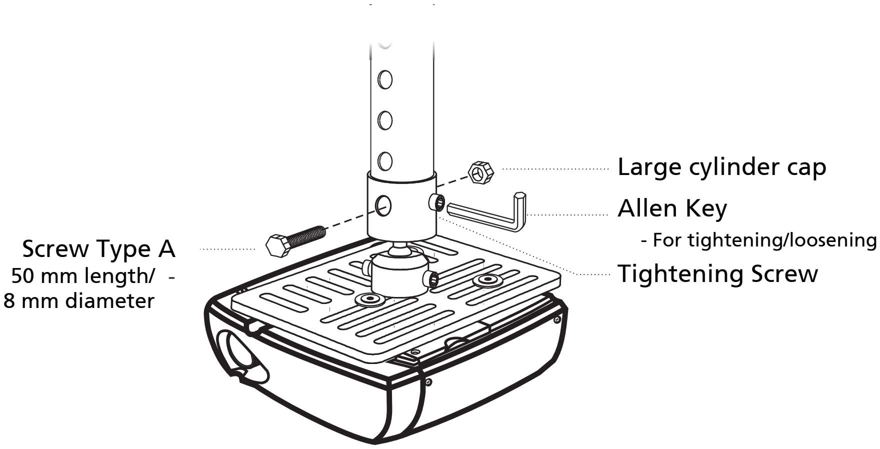

Short Rod
Ceiling Mount Base
- Attach to ceiling
Long Rod
Extension Rod
Long Cylinder Cap
Allen Key
- For tightening/loosening
Tightening Screw
Screw Type A
50 mm length / 8 mm diameter -
Medium Rod

3 Use the appropriate number of screws for the projector size to attach the projector to the ceiling mount bracket.

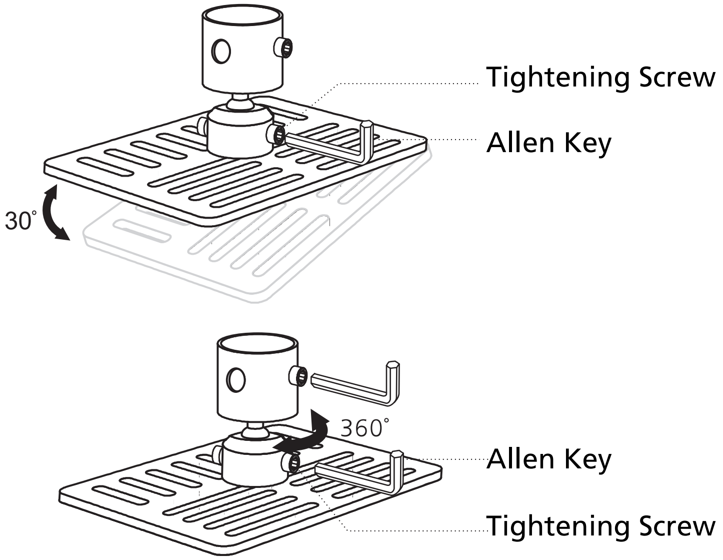

Screw Type B
Smaller Washer
Large Washer
Projector Bracket
Supports projector and -
allows for adjustments
Spacer
- For heat dissipation

Note: It is recommended that you keep a reasonable space between the bracket and the projector to allow for proper heat distribution. Use two washers for extra support, if deemed necessary.

4 Attach the ceiling bracket to the ceiling rod.

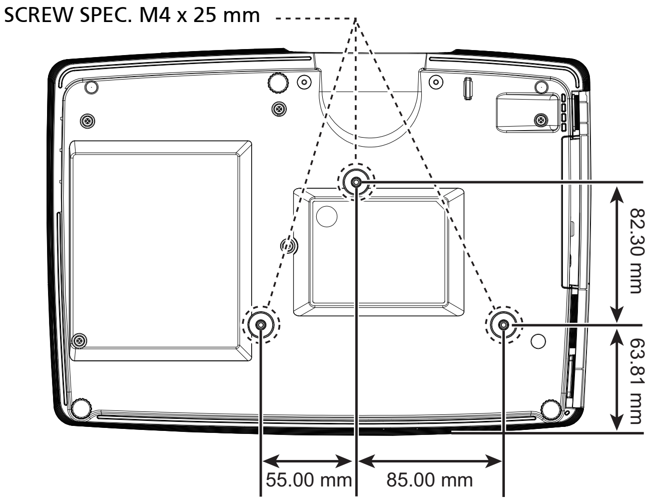

Large cylinder cap
Allen Key
- For tightening/loosening
Tightening Screw
Screw Type A
50 mm length/ -
8 mm diameter

5 Adjust the angle and positioning as necessary.


Tightening Screw
Allen Key
30˚
360˚
Allen Key
Tightening Screw

Note: The appropriate type of screw and washer for each model is listed in the table below. 4 mm diameter screws are enclosed in the screw pack.

Screw Type B		Washer Type	
Diameter (mm)	Length (mm)	Large	Small
4	25	V	V


SCREW SPEC. M4 x 25 mm
82.30 mm
63.81 mm
55.00 mm
85.00 mm

Specifications

The specifications listed below are subject to change without notice. For final specs, please refer to Acer's published marketing specifications.

Projection system	DLP®
Resolution	• P1183/M403/PE-S42/X1183A/D603P/EV-S62T/X114/X1183/D603/EV-S62/X113/D600/EV-S60/V10S/AS201/X113H/X113PH/D600D/EV-S60H/V12S/AS211 series: Native 800 x 600 SVGA resolution • P1283/M413/PE-X42/V12X/AX316/P1283n/M413T/PE-X42G/X1283/X1280/D613/EV-X62 series: Native 1024 x 768 XGA resolution • P1383W/X1383WH/M423/PE-W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/V11W/AW216 series: Native 1280 x 800 WXGA resolution • H5380BD/E230/HE-720 series: 1280x720 720p resolution • P1510/M450/PE-840/H6520BD/E240D/HE-804J series: 1920x1080 1080p resolution • Maximum: UXGA (1600 x 1200), WSXGA+ (1680x1050), 1080p(1920x1080), WUXGA-RB (1920 x 1200)
Computer compatibility	IBM PC and compatibles, Apple Macintosh, iMac and VESA standards: SXGA, XGA, VGA, SVGA, SXGA+, WXGA, WXGA+, WSXGA +
Video compatibility	NTSC (3.58/4.43), PAL (B/D/G/H/I/M/N), SECAM (B/D/G/K/K1/L), HDTV (720p, 1080i, 1080p), EDTV (480p, 576p), SDTV (480i, 576i)
Aspect ratio	Full, 4:3, 16:9, L.Box
Displayable colors	16.7 million colors
Projection lens	• P1183/M403 PE-S42/X1183A/D603P/EV-S62T/X114/X1183/D603/EV-S62/X113/D600/EV-S60/V10S/AS201/X113H/X113PH/D600D/EV-S60H/V12S/AS211/P1283/M413/PE-X42/V12X/AX316/P1283n/M413T/PE-X42G/X1283/X1280/D613/EV-X62 series: F = 2.41 ~ 2.55, f = 2.79~23.99 mm, 1.1x manual zoom and manual focus • P1383W/X1383WH/M423/PE-W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/V11W/AW216 series: F = 2.5 ~ 2.67, f = 21.80 ~ 23.98 mm, 1.1x manual zoom and manual focus • H5380BD/E230/HE-720 series: F = 2.5 ~ 2.67, f = 21.86 mm ~ 24.00 mm, 1.1x manual zoom and manual focus • P1510/M450/PE-840/H6520BD/E240D/HE-804J series: F = 2.5 ~ 2.67, f = 21.90 mm ~ 24.00 mm, 1.1x manual zoom and manual focus

Projection screen size (diagonal)	• P1183/M403 PE-S42/X1183A/D603P/EV-S62T/X114/X1183/D603/EV-S62/X113/D600/EV-S60/V10S/AS201/X113H/X113PH/D600D/EV-S60H/V12S/AS211/P1283/M413/PE-X42/V12X/AX316/P1283n/M413T/PE-X42G/X1283/X1280/D613/EV-X62 series: 27" (70 cm) ~ 300" (762 cm) • P1383W/X1383WH/M423/PE-W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/V11W/AW216 series: 27" (69 cm) ~ 300" (762 cm) • H5380BD/E230/HE-720 series: 27" (67 cm) ~ 300" (762 cm) • P1510/M450/PE-840/H6520BD/E240D/HE-804J series: 42" (106 cm) ~ 300" (762 cm)
Projection distance	• P1183/M403 PE-S42/X1183A/D603P/EV-S62T/X114/X1183/D603/EV-S62/X113/D600/EV-S60/V10S/AS201/X113H/X113PH/D600D/EV-S60H/V12S/AS211/P1283/M413/PE-X42/V12X/AX316/P1283n/M413T/PE-X42G/X1283/X1280/D613/EV-X62 series: 3.9' (1.2 m) ~ 39.0' (11.9 m) • P1383W/X1383WH/M423/PE-W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/V11W/AW216 series: 3.3' (1.0 m) ~ 32.9' (10.0 m) • H5380BD/E230/HE-720 series: 3.3' (1.0 m) ~ 33.8' (10.3 m) • P1510/M450/PE-840/H6520BD/E240D/HE-804J series: 4.9' (1.5 m) ~ 32.2' (9.8 m)
Throw ratio	• P1183/M403 PE-S42/X1183A/D603P/EV-S62T/X114/X1183/D603/EV-S62/X113/D600/EV-S60/V10S/AS201/X113H/X113PH/D600D/EV-S60H/V12S/AS211/P1283/M413/PE-X42/V12X/AX316/P1283n/M413T/PE-X42G/X1283/X1280/D613/EV-X62 series: 50"@2 m (1.95 ~ 2.15:1) • P1383W/X1383WH/M423/PE-W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/V11W/AW216 series: series: 60"@2 m (1.55 ~ 1.70:1) • H5380BD/E230/HE-720 series: 58"@2m (1.55 ~ 1.70:1) • P1510/M450/PE-840/H6520BD/E240D/HE-804J series: 61"@2m (1.48 ~ 1.62:1)
Horizontal scan rate	15 - 100 kHz
Vertical refresh scan rate	24 - 120 Hz
Lamp type	• P1183/M403/PE-S42/X1183A/D603P/EV-S62T/X114/X1183/D603/EV-S62/X113/D600/EV- S60/V10S/AS201/X113H/X113PH/D600D/EV-S60H/V12S/AS211/P1283/M413/PE-X42/V12X/AX316/P1283n/M413T/PE-X42G/X1283/X1280/D613/EV-X62/P1383W/X1383WH/M423/PE- W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/V11W/AW216/H5380BD/E230/HE-720 series: 190 W user-replaceable lamp • P1510/M450/PE- 840/H6520BD/E240D/HE-804J series: 240 W user-replaceable lamp
Keystone correction	±40 degrees

Audio	P1183/M403/PE-S42/X1183A/D603P/EV-S62T/P1283/M413/PE-X42/V12X/AX316/P1283n/M413T/PE-X42G/X1283/X1280/D613/EV-X62/P1383W/X1383WH/M423/PE-W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/V11W/AW216/H5380BD/E230/HE-720/P1510/M450/PE-840/H6520BD/E240D/HE-804J: Internal speaker with 2 W output
Weight	2.5 ~ 2.7 Kg (5.51 ~ 5.95 lbs)
Dimensions (W x D x H)	314 mm X 223.4 mm X 93.4 mm (12.4" x 8.8" x 3.7")
Digital Zoom	2X
Power supply	AC input 100 - 240 V auto-switching power supply
Power consumption	• P1183/M403/PE-S42/X1183A/D603P/EV-S62T/X114/X1183/D603/EV-S62/X113/D600/EV-S60/V10S/AS201/X113H/X113PH/D600D/EV-S60H/V12S/AS211/P1283/M413/PE-X42/V12X/AX316/P1283n/M413T/PE-X42G/X1283/X1280/D613/EV-X62/P1383W/X1383WH/M423/PE-W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/V11W/AW216/H5380BD/E230/HE-720: Normal mode: 235W ± 10% @ 110VAC ECO mode: 197W ± 10% @ 110VAC Standby mode < 0.5W • P1510/M450/PE-840/H6520BD/E240D/HE-804J series: Normal mode: 300W ± 10% @ 110VAC ECO mode: 230W ± 10% @ 110VAC Standby mode < 0.5W
Operating temperature	0°C to 40°C / 32°F to 104°F
Standard package contents	• AC power cord x1 • VGA cable x1 • Remote control x1 • Battery x2 (for remote control) (option) • User's guide (CD-ROM) x1 • Quick start guide x1 • Security card x1 • Carrying case x1 (option)

I/O connectors	X113/D600/EV-S60/V10S/AS201/X114/X1183/D603/EV-S62	X113H/X113PH/D600D/EV-S60H/V12S/AS211/	X1183A/X1280/D603P/EV-S62T/X1283/D613/EV-X62	P1183/M403/PE-S42/P1283/M413/PE-X42/V12X/AX316/P1383W/X1383WH/M423/PE-W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/V11W/AW216/H5380BD/E230/HE-720	P1283n/M413T/PE-X42G	P1510/M450/PE-840	H6520BD/E240D/HE-804J
Power socket	V	V	V	V	V	V	V
VGA IN	V	V	X	X	X	V	V
VGA IN 1	X	X	V	V	V	X	X
VGA IN 2	X	X	V	V	V	X	X

I/O connectors	X113/D600/EV-S60/V10S/AS201/X114/X1183/D603/EV-S62	X113H/X113PH/D600D/EV-S60H/V12S/AS211/	X1183A/X1280/D603P/EV-S62T/X1283/D613/EV-X62	P1183/M403/PE-S42/P1283/M413/PE-X42/V12X/AX316/P1383W/X1383WH/M423/PE-W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/V11W/AW216/H5380BD/E230/HE-720	P1283n/M413T/PE-X42G	P1510/M450/PE-840	H6520BD/E240D/HE-804J
VGA output	X	X	V	V	V	X	X
3.5 mm audio jack input 1	X	X	V	V	V	V	V
S-Video	V	V	V	V	V	V	X
Composite video	V	V	V	V	V	V	V
3.5 mm audio jack input 2	X	X	V	V	V	X	X
3.5 mm audio jack output	X	X	V	V	V	V	X
RJ45 LAN input	X	X	X	X	V	X	X
RS232	X	X	V	V	V	V	X
HDMI /MHL	X	X	X	V	V	V	V
HDMI	X	V	X	X	X	V	V
Mini USB x1 (for firmware upgrade)	V	V	V	V	V	V	V

Note: Design and specifications are subject to change without notice.

Compatibility modes

A. VGA Analog

1 VGA Analog - PC Signal

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
VGA	640x480	60	31.5
	640x480	72	37.9
	640x480	75	37.5
	640x480	85	43.3
	640x480	120	61.9
SVGA	800x600	56	35.1
	800x600	60	37.9
	800x600	72	48.1
	800x600	75	46.9
	800x600	85	53.7
	800x600	120	77.4
XGA	1024x768	60	48.4
	1024x768	70	56.5
	1024x768	75	60.0
	1024x768	85	68.7
	1024x768	120	99.0
SXGA	1152x864	70	63.8
	1152x864	75	67.5
	1152x864	85	77.1
	1280x1024	60	64.0
	1280x1024	72	77.0
	1280x1024	75	80.0
	1280x1024	85	91.1
QuadVGA	1280x960	60	60.0
	1280x960	75	75.2
SXGA+	1400x1050	60	65.3
UXGA	1600x1200	60	75.0
PowerBook G4	640x480	60	31.4
PowerBook G4	640x480	66.6(67)	34.9
PowerBook G4	800x600	60	37.9
PowerBook G4	1024x768	60	48.4
PowerBook G4	1152x870	75	68.7
PowerBook G4	1280x960	75	75.0
i Mac DV (G3)	1024x768	75	60.0

2 VGA Analog - Extended Wide timing

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
WXGA	1280x768	60	47.8
	1280x768	75	60.3
	1280x768	85	68.6
	1280x720	60	44.8
	1280x720	120	92.9
	1280x800	60	49.6
	*1280x800-RB	119.909	101.6
	*1920x1200	60	74
	1440x900	60	59.9
WSXGA+	1680x1050	60	65.3
	1920x1080 (1080P)	60	67.5
	1366x768	60	47.7
WUXGA	1920x1200-RB	59.94	74.04

3 VGA Analog -Component Signal

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
480i	720x480(1440x480)	59.94 (29.97)	15.7
576i	720x576(1440x576)	50(25)	15.6
480p	720x480	59.94	31.5
576p	720x576	50	31.6
720p	1280x720	60	45.0
720p	1280x720	50	37.5
1080i	1920x1080	60(30)	33.8
1080i	1920x1080	50(25)	28.1
1080p	1920x1080	23.97/24	27.0
1080p	1920x1080	60	67.5
1080p	1920x1080	50	56.3
*1080p	1920x1200	59.94	74.04

B. HDMI Digital

1 HDMI - PC Signal

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
VGA	640x480	60	31.5
	640x480	72	37.9
	640x480	75	37.5

	640x480	85	43.3
	640x480	120	61.9
SVGA	800x600	56	35.1
	800x600	60	37.9
	800x600	72	48.1
	800x600	75	46.9
	800x600	85	53.7
	800x600	120	77.4
XGA	1024x768	60	48.4
	1024x768	70	56.5
	1024x768	75	60.0
	1024x768	85	68.7
	1024x768	120	99.0
SXGA	1152x864	70	63.8
	1152x864	75	67.5
	1152x864	85	77.1
	1280x1024	60	64.0
	1280x1024	72	77.0
	1280x1024	75	80.0
	1280x1024	85	91.1
QuadVGA	1280x960	60	60.0
	1280x960	75	75.2
SXGA+	1400x1050	60	65.3
UXGA	1600x1200	60	75.0
PowerBook G4	640x480	60	31.4
PowerBook G4	640x480	66.6(67)	34.9
PowerBook G4	800x600	60	37.9
PowerBook G4	1024x768	60	48.4
PowerBook G4	1152x870	75	68.7
PowerBook G4	1280x960	75	75.0
i Mac DV (G3)	1024x768	75	60.0

2 HDMI - Extended Wide timing

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
WXGA	1280x768	60	47.8
	1280x768	75	60.3
	1280x768	85	68.6
	1280x720	60	44.8
	1280x720	120	92.9
	1280x800	60	49.6
	*1280x800-RB	119.909	101.6

	1440x900	60	59.9
	*1920x1200	60	74
WSXGA+	1680x1050	60	65.3
	1920x1080 (1080P)	60	67.5
	1366x768	60	47.7
WUXGA	1920x1200-RB	59.94	74.04

3 HDMI - Video Signal

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
480i	720x480(1440x480)	59.94 (29.97)	15.7
576i	720x576(1440x576)	50(25)	15.6
480p	720x480	59.94	31.5
576p	720x576	50	31.6
720p	1280x720	60	45.0
720p	1280x720	50	37.5
1080i	1920x1080	60(30)	33.8
1080i	1920x1080	50(25)	28.1
1080p	1920x1080	23.97/24	27.0
1080p	1920x1080	60	67.5
1080p	1920x1080	50	56.3
*1080p	1920x1200	59.94	74.04

4 HDMI - 1.4a 3D Timing

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
720p (Frame Packing)	1280 x 720	50	37.5
720p (Frame Packing)	1280 x 720	60	45.0
1080p (Frame Packing)	1920 x1080	24	27.0
720p (Frame Packing)	1280 x 720	50	37.5
720p (Frame Packing)	1280 x 720	60	45.0
1080i (Top and Bottom)	1920 x1080	50 (25)	28.1
1080i (Top and Bottom)	1920 x1080	60 (30)	33.8
1080p (Top and Bottom)	1920 x1080	24	27.0
1080p (Top and Bottom)	1920 x1080	50	56.3
1080p (Top and Bottom)	1920 x1080	60	67.5
720p (Side by Side (Half))	1280 x 720	60	45.0
1080i (Side by Side (Half))	1920 x1080	50 (25)	28.1
1080i (Side by Side (Half))	1920 x1080	60 (30)	33.8
1080p (Side by Side (Half))	1920 x1080	50	56.3

1080p (Side by Side (Half))	1920 x1080	60	67.5
Graphic source monitor range limits	Horizontal scan rate:		15k-100kHz
	Vertical scan rate:		24-120 Hz
	Max. pixel rate:		165 MHz

C. MHL Digital

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
VGA	640x480	59.94/60	31.5
480i	720x480 (1440x480)	59.94/60	15.7
576i	720x576 (1440x576)	50(25)	15.6
480p	720x480	59.94/60	31.5
480p_2x	1440x480	59.94/60	31.5
576p	720x576	50	31.3
576p_2x	1440x576	50	31.3
720p	1280x720	59.94/60	45.0
720p	1280x720	50	37.5
1080i	1920x1080	60(30)	33.8
1080i	1920x1080	50(25)	28.1
1080p	1920x1080	23.97/24	27.0
1080p	1920x1080	25	28.1
1080p	1920x1080	29.97/30	33.8
Graphic source monitor range limits	Horizontal scan rate:	15k-50 kHz	
	Vertical scan rate:	24-60 Hz	
	Max. pixel rate:	Digital: 75 MHz	

Note: * Functions vary depending on model definition.

Regulations and safety notices

FCC notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the Federal Communications Commission, to operate this device.

Operation conditions

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme a la norme NMB-003 du Canada.

Declaration of Conformity for EU countries

Acer hereby declares that this projector series is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Compliant with Russian regulatory certification

UA.TR.002

Radio device regulatory notice

Note: The regulatory information below is for models with wireless LAN and/or Bluetooth only.

General

This product complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Depending on configurations, this product may or may not contain wireless radio devices (such as wireless LAN and/or Bluetooth modules).

Canada — Low-power license-exempt radio communication devices (RSS-210)

a Common information
Operation is subject to the following two conditions:
1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

b Operation in 2.4 GHz band
To prevent radio interference to the licensed service, this device is intended to be operated indoors and installation outdoors is subject to licensing.

List of applicable countries

This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact the local office in the country of use. Please see http://ec.europa.eu/enterprise/rtte/implem.htm for the latest country list.

acer
Acer Incorporated
8F, 88, Sec. 1, Xintai 5th Rd., Xizhi
New Taipei City 221, Taiwan

Declaration of Conformity

We,

Acer Incorporated
8F, 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City 221, Taiwan
Contact Person: Mr. RU Jan, e-mail: ru.jan@acer.com

And,

Acer Italy s.r.l
Via Lepetit, 40, 20020 Lainate (MI) Italy
Tel: +39-02-939-921 ,Fax: +39-02 9399-2913
www.acer.it

Declare under our own responsibility that the product:

Product:	**DLP Projector**
Trade Name:	**Acer**
Model Number:	**DWX1305/DWX1304/DSV1301/DNX1303/H7P1320/D1P1327/D1P1338/ DNX1330/DSV1319/DNX1302/DSV1316/DSV1315/DSV1340 P1183/M403/PE-S42/X1183A/D603P/EV-S62T/X114/X1183/D603/ EV-S62/X113/D600/EV- S60/V10S/AS201/X113H/X113PH/D600D/ EV-S60H/V12S/AS211/P1283/M413/PE-X42/V12X/AX316/P1283n/ M413T/PE-X42G/X1283/X1280/D613/EV-X62/P1383W/X1383WH/ M423/PE- W42/V12W/AW316/P1380W/X1380WH/M420/PE-W40/ V11W/AW216/H5380BD/E230/HE-720/P1510/M450/PE- 840/ H6520BD/E240D/HE-804J**

To which this declaration refers conforms to the relevant standard or other standardizing documents:

- EN55022:2010 Class B; EN 55024:2010
- EN61000-3-2:2006+A1:2009+A2:2009, Class A
- EN61000-3-3:2008
- EN 60950-1:2006/A11:2009/A1:2010+A12:2011
- Regulation (EC) No. 1275/ 2008; EN 62301:2005
- EN50581:2012

We hereby declare above product is in compliance with the essential requirements and other relevant provisions of EMC Directive 2004/108/EC, Low Voltage Directive 2006/95/EC and RoHS Directive 2011/65/EU and Directive 2009/125/EC with regard to establishing a framework for the setting of ecodesign requirements for energy-related product.

Year to begin affixing CE marking 2014.

Ru Jan

RU Jan / Sr. Manager
Regulation, Acer Inc.

Mar. 14, 2014
Date

Acer America Corporation
333 West San Carlos St.,
Suite 1500
San Jose, CA 95110
U. S. A.
Tel: 254-298-4000
Fax: 254-298-4147
www.acer.com

Federal Communications Commission Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The following local Manufacturer / Importer is responsible for this declaration:

Product:	**DLP Projector**
Model Number:	**DWX1305/DWX1304/DSV1301/DNX1303/ H7P1320/D1P1327/D1P1338/DNX1330/DSV1319/ DNX1302/DSV1316/DSV1315/DSV1340**
Machine Type:	**P1183/M403/PE-S42/X1183A/D603P/EV-S62T/ X114/X1183/D603/EV-S62/X113/D600/EV- S60/ V10S/AS201/X113H/X113PH/D600D/EV-S60H/ V12S/AS211/P1283/M413/PE-X42/V12X/AX316/ P1283n/M413T/PE-X42G/X1283/X1280/D613/ EV-X62/P1383W/X1383WH/M423/PE-W42/V12W/ AW316/P1380W/X1380WH/M420/PE-W40/V11W/ AW216/H5380BD/E230/HE-720/P1510/M450/ PE-840/H6520BD/E240D/HE-804J**
Name of Responsible Party:	**Acer America Corporation**
Address of Responsible Party:	**333 West San Carlos St. Suite 1500 San Jose, CA 95110 U. S. A.**
Contact Person:	**Acer Representative**
Phone No.:	**254-298-4000**
Fax No.:	**254-298-4147**